

**APPENDIX A**

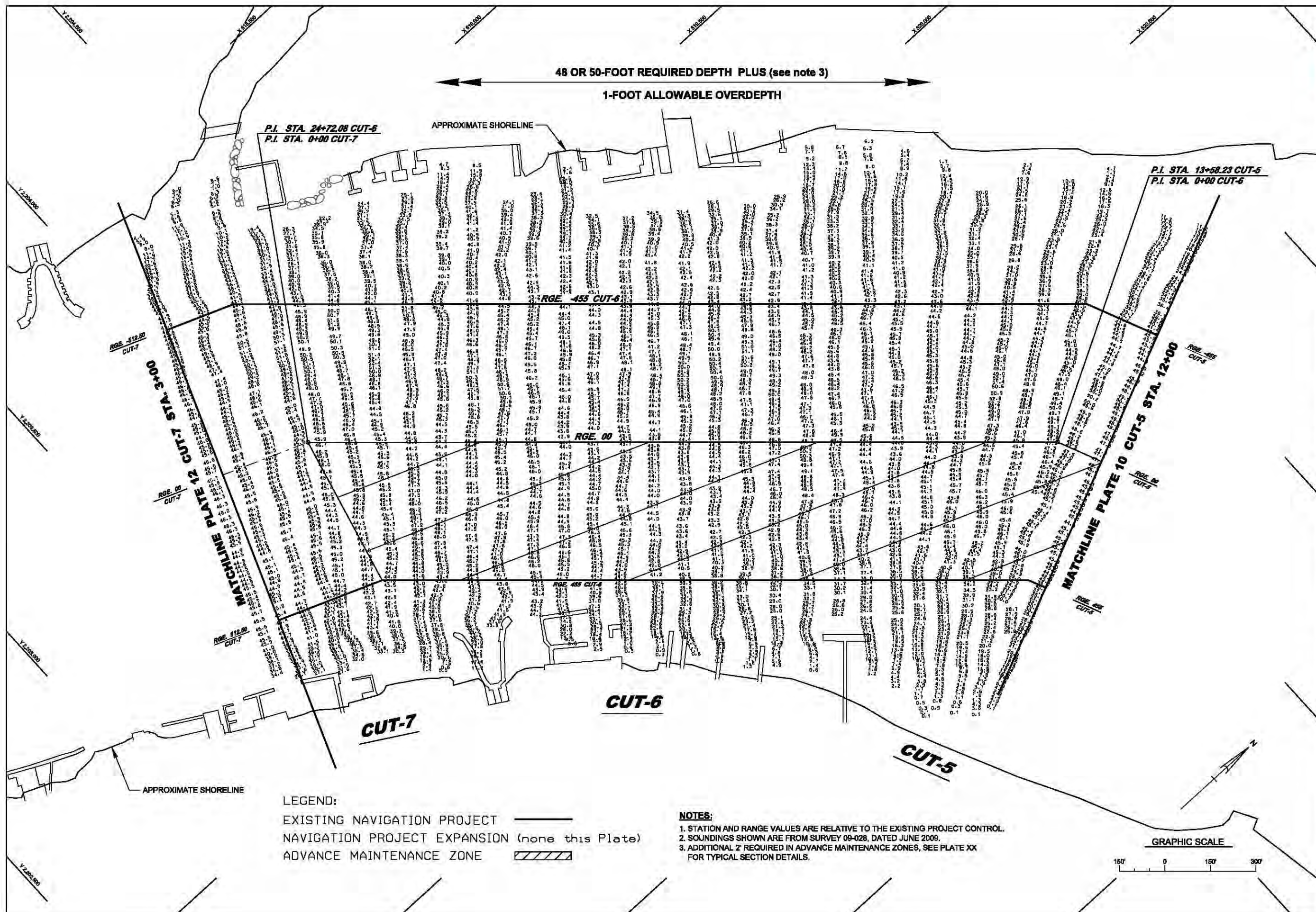
**ENGINEERING APPENDIX**

**PLATES 11 TO 38**

Jacksonville Harbor Navigation Study, Duval County,  
Florida

DRAFT  
INTEGRATED GENERAL REEVALUATION  
REPORT II AND SUPPLEMENTAL  
ENVIRONMENTAL IMPACT STATEMENT





LEGEND:  
EXISTING NAVIGATION PROJECT  
NAVIGATION PROJECT EXPANSION (none this Plate)  
ADVANCE MAINTENANCE ZONE

NOTES:  
1. STATION AND RANGE VALUES ARE RELATIVE TO THE EXISTING PROJECT CONTROL.  
2. SOUNDINGS SHOWN ARE FROM SURVEY 09-028, DATED JUNE 2009.  
3. ADDITIONAL 2' REQUIRED IN ADVANCE MAINTENANCE ZONES, SEE PLATE XX FOR TYPICAL SECTION DETAILS.

GRAPHIC SCALE

150' 0 150' 300'

US Army Corps of Engineers  
Jacksonville District

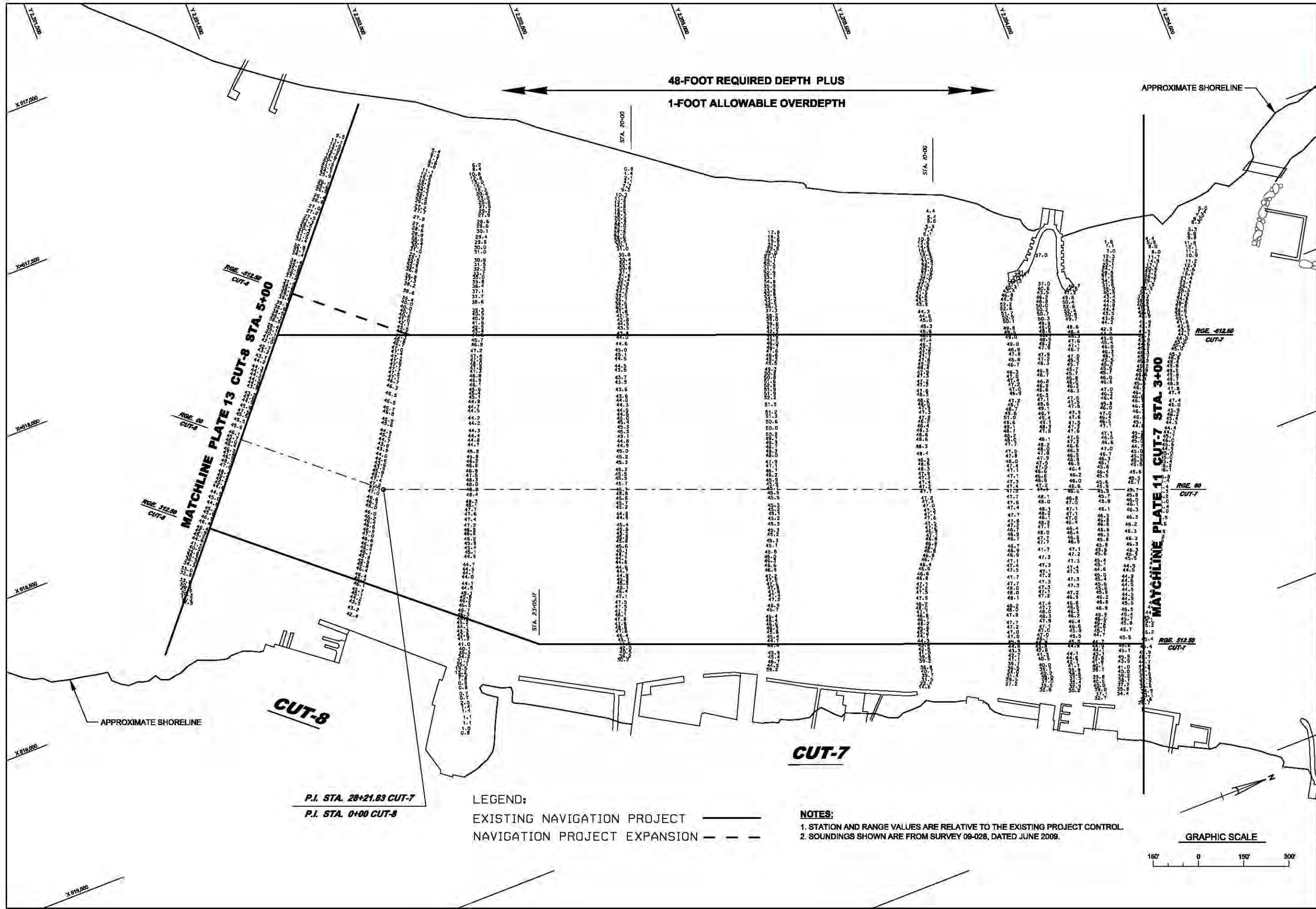
DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA


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Designed by: SRC  
Drawn by: LRP  
Reference files: [blank]  
Date: MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
TENTATIVELY SELECTED PLAN  
47- PROJECT DEPTH (CUT-5 STA. 12+00 TO CUT-7 STA. 3+00)  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

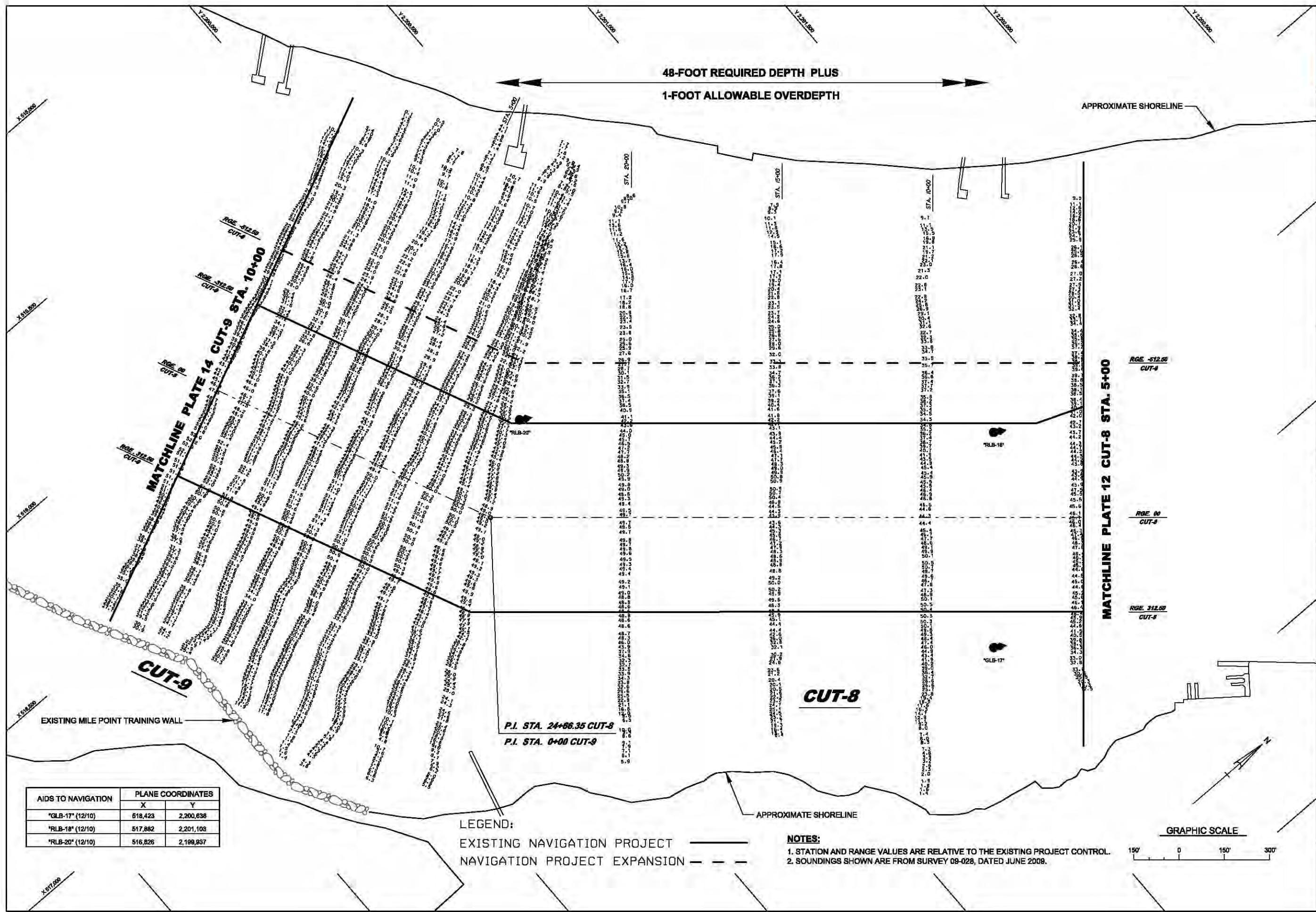
PLATE  
11





 US Army Corps of Engineers Jacksonville District	
DEPARTMENT OF THE ARMY JACKSONVILLE DISTRICT, CORPS OF ENGINEERS JACKSONVILLE, FLORIDA	
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Reference files:	Plat notes: Plat scale:
Designed by: SRC	Drawn by: SRC
Checked by: LRP	Plotted by: LRP
Dated: MARCH 2013	
JACKSONVILLE HARBOR NAVIGATION PROJECT DUVAL COUNTY, FLORIDA TENTATIVELY SELECTED PLAN 47° PROJECT DEPTH (CUT-7 STA. 3+00 TO CUT-8 STA. 5+00) GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX	
PLATE 12	






AIDS TO NAVIGATION	PLANE COORDINATES	
	X	Y
*GLB-17* (12/10)	518,423	2,200,638
*RLB-18* (12/10)	517,882	2,201,103
*RLB-20* (12/10)	516,826	2,199,937

LEGEND:  
EXISTING NAVIGATION PROJECT ———  
NAVIGATION PROJECT EXPANSION - - -

NOTES:  
1. STATION AND RANGE VALUES ARE RELATIVE TO THE EXISTING PROJECT CONTROL.  
2. SOUNDINGS SHOWN ARE FROM SURVEY 09-028, DATED JUNE 2009.



US Army Corps  
of Engineers  
Jacksonville District

DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

File name:  
Reference files

Designed by:  
SRC

Drawn by:  
SRC

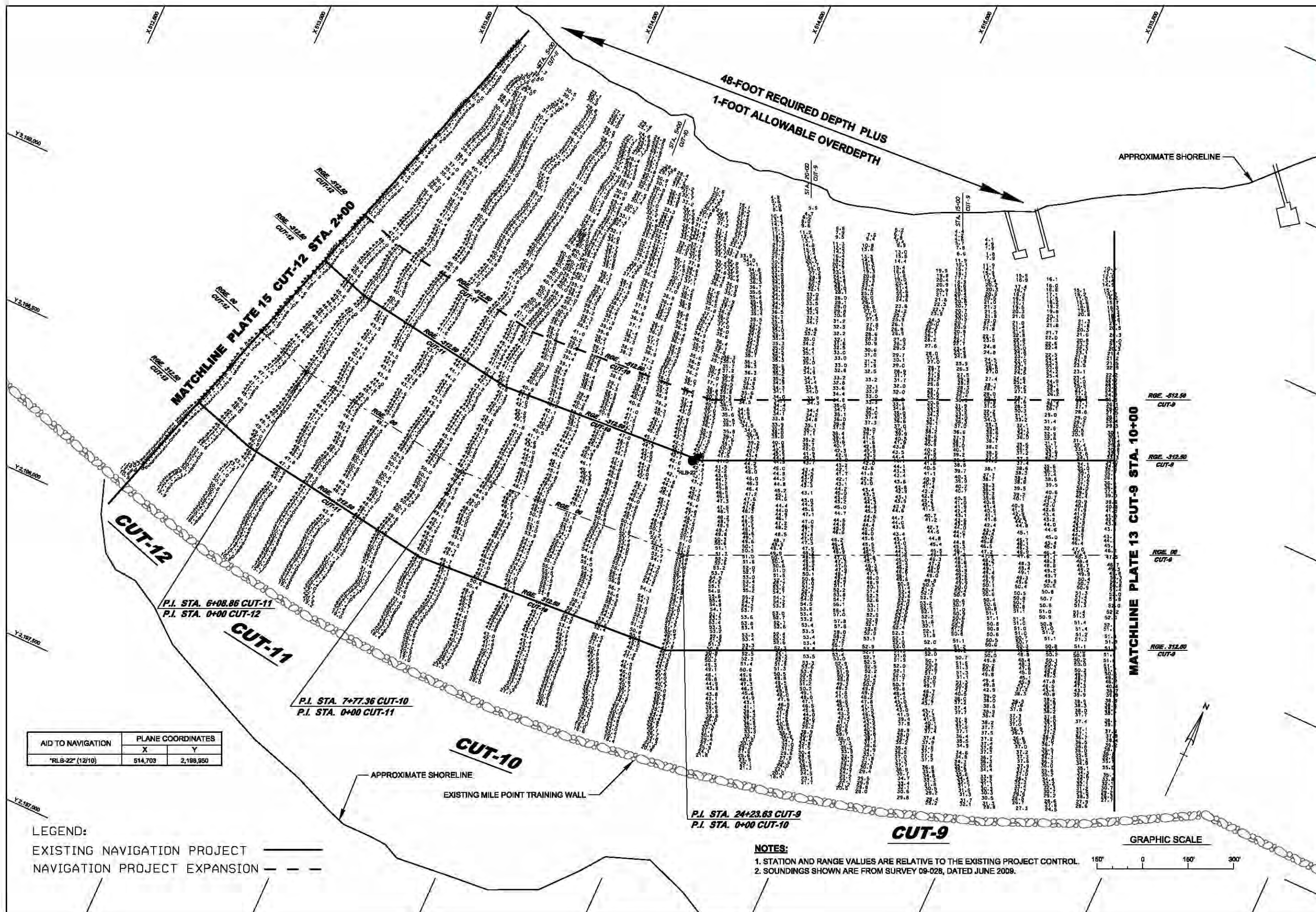
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LRP

Dated: MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
TENTATIVELY SELECTED PLAN  
47- PROJECT DEPTH (CUT-8 STA. 5+00 TO CUT-9 STA. 10+00)  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

PLATE  
13





US Army Corps of Engineers  
Jacksonville District

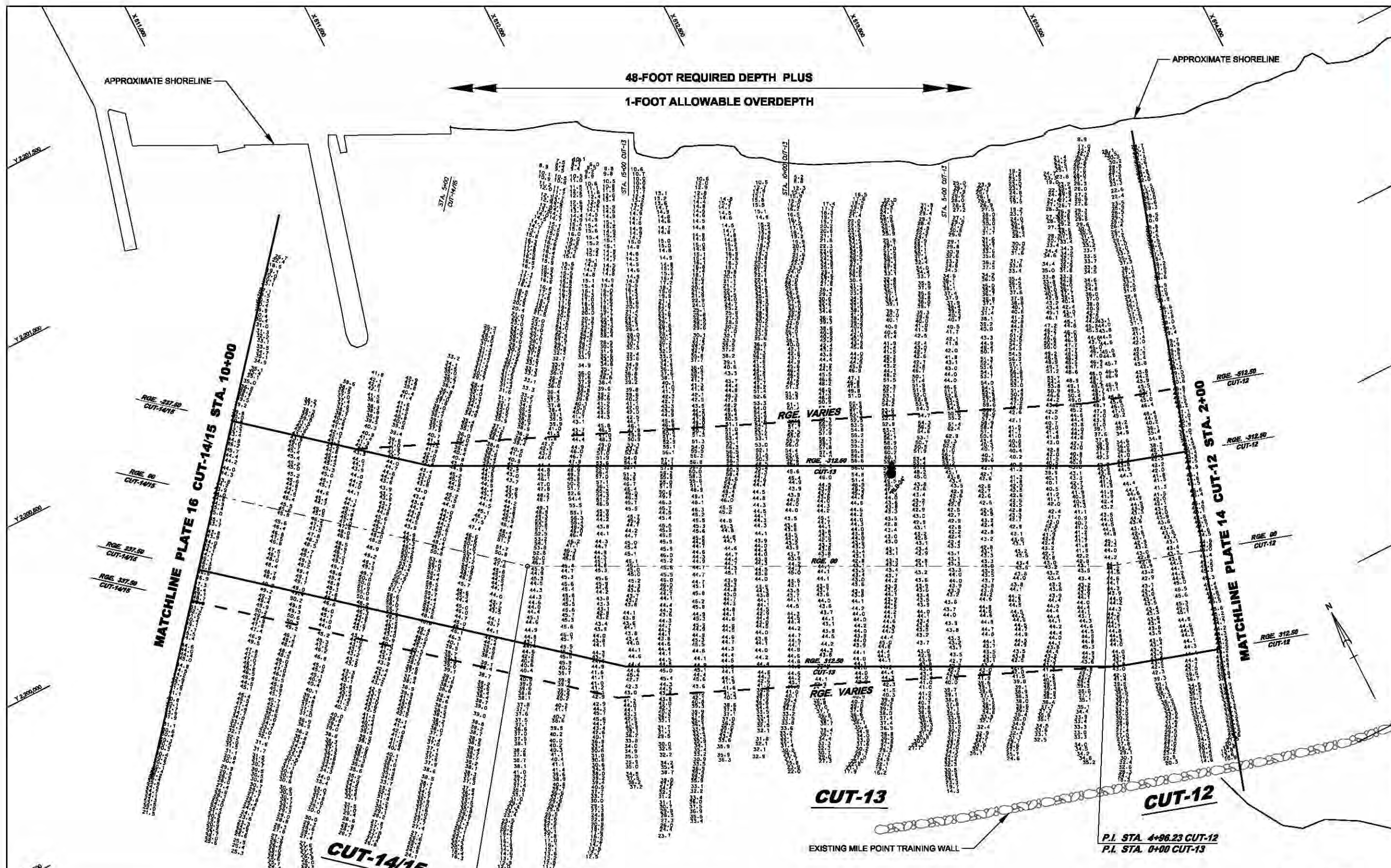
DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

File name: JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUAL COUNTY, FLORIDA  
TENTATIVELY SELECTED PLAN  
47' PROJECT DEPTH CUT-9 STA. 10+00 TO CUT-12 STA. 2+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

Designed by: SRC  
Scale As Shown  
Plot dates:  
Plot scale:  
Date: MARCH 2013

PLATE  
14



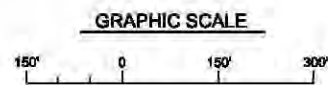



AID TO NAVIGATION	PLANE COORDINATES	
	X	Y
"RLB-24" (12/10)	512,474	2,199,404

P.I. STA. 18+14.83 CUT-13  
P.I. STA. 0+00 CUT-14/15

LEGEND:  
EXISTING NAVIGATION PROJECT ———  
NAVIGATION PROJECT EXPANSION - - -

NOTES:  
1. STATION AND RANGE VALUES ARE RELATIVE TO THE EXISTING PROJECT CONTROL.  
2. SOUNDINGS SHOWN ARE FROM SURVEY 09-028, DATED JUNE 2009.





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DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

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File name: JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA

Reference files: TENTATIVELY SELECTED PLAN  
47- PROJECT DEPTH (CUT-12 STA. 2+00 TO CUT-14/15 STA. 10+00)  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

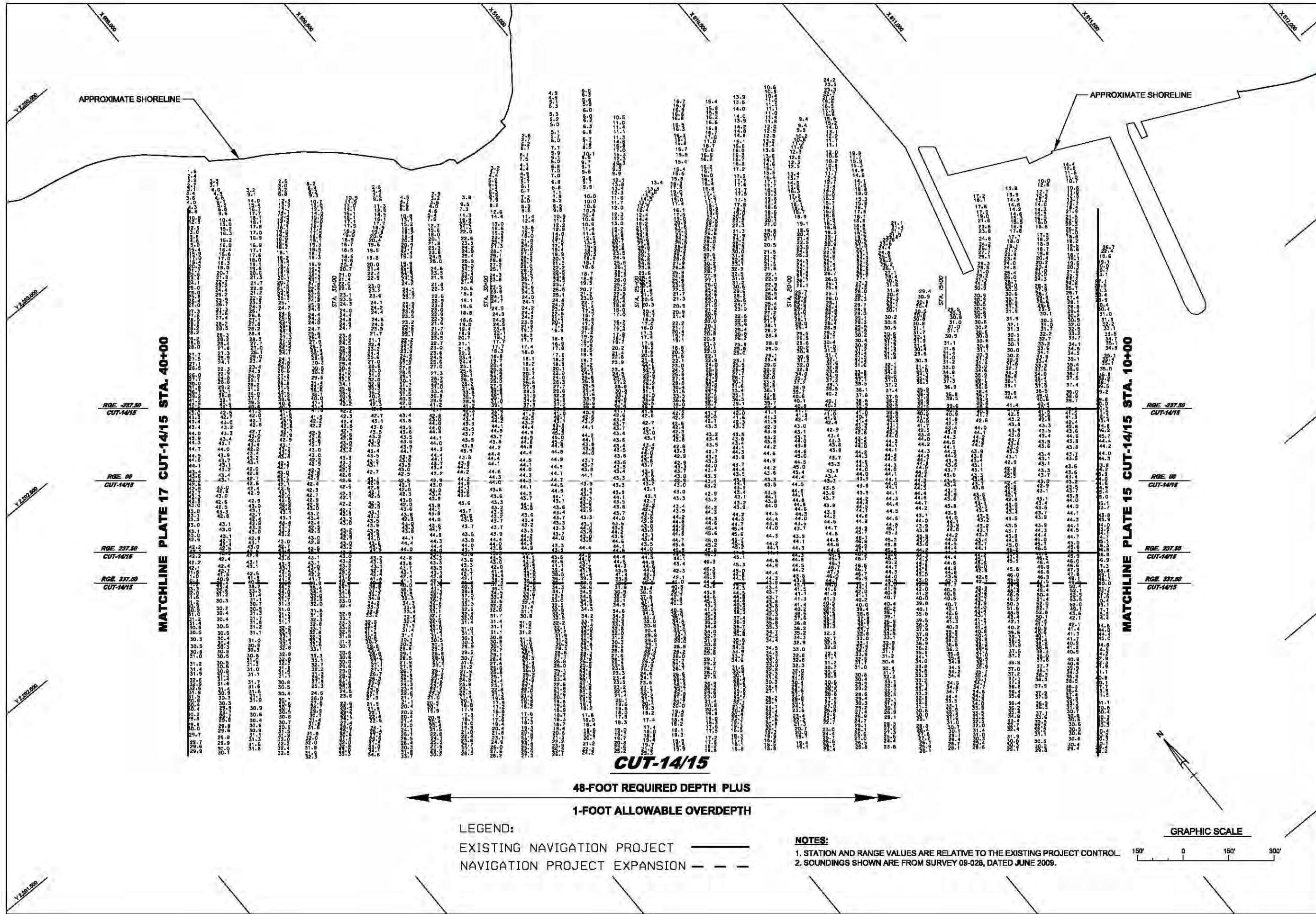
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Date: MARCH 2013

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Plot scale:   
Date: MARCH 2013

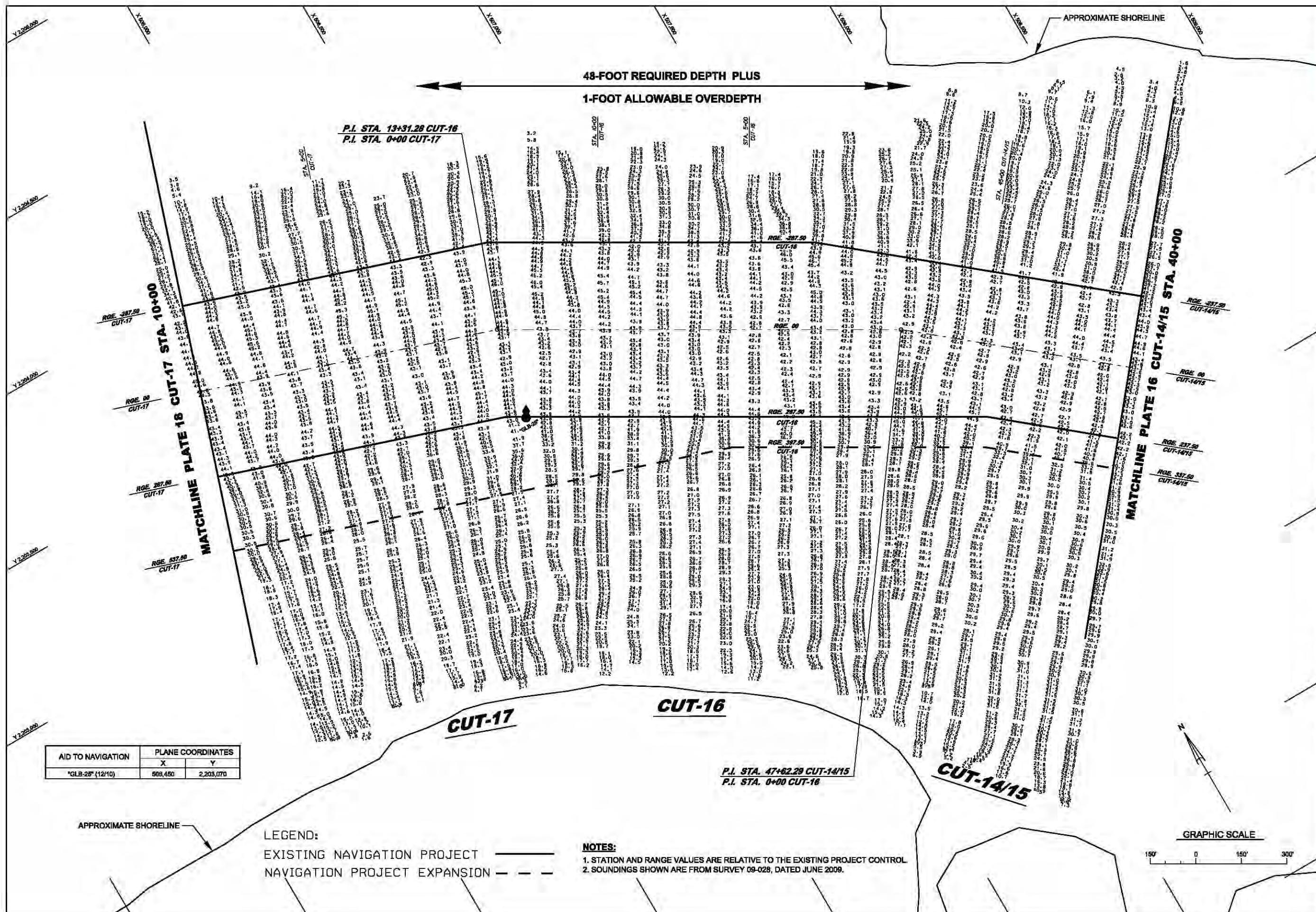
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PLATE  
**15**









US Army Corps of Engineers  
Jacksonville District

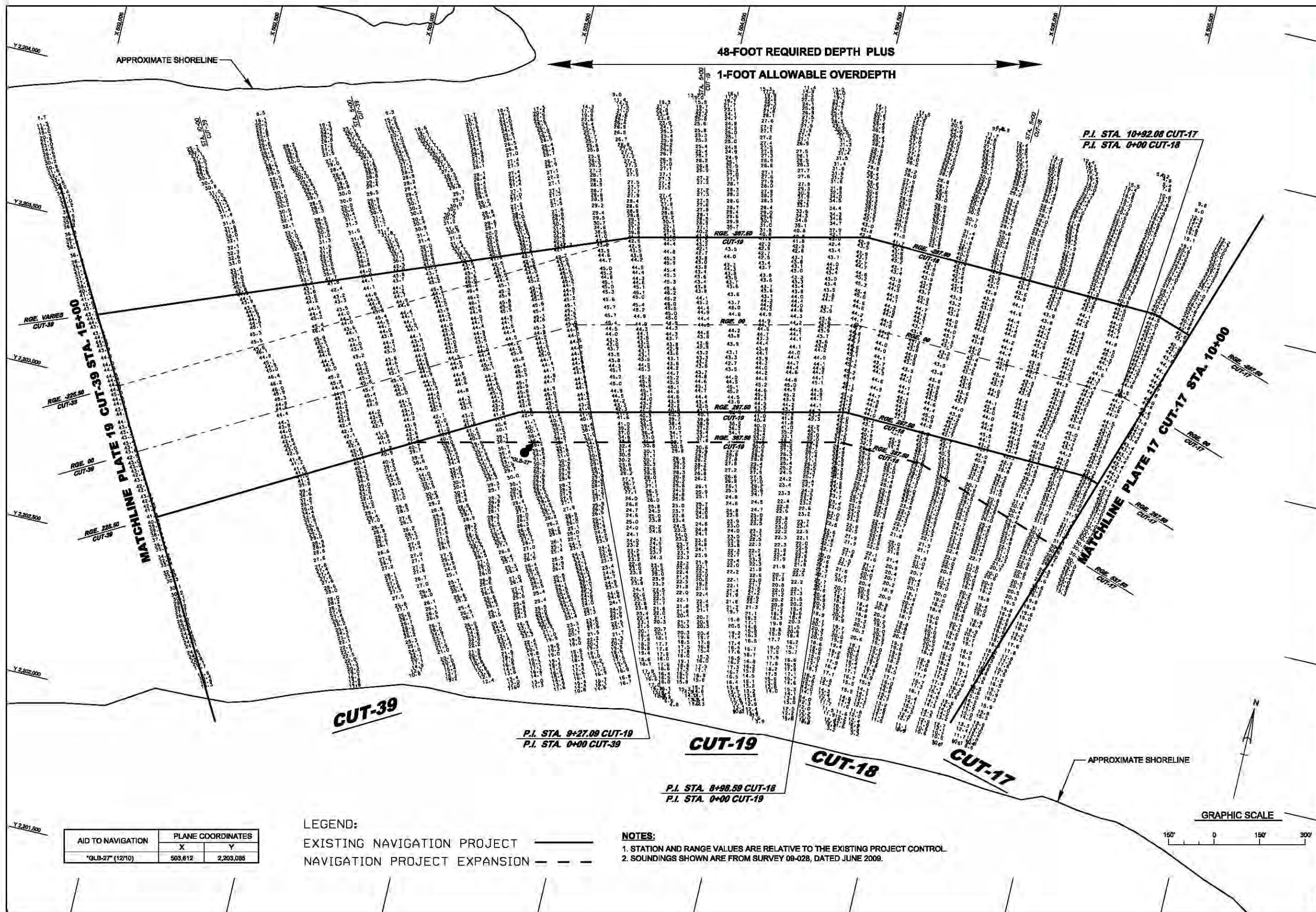
DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

Scale: As Shown  
Plot dates:  
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Designed by: SRC  
Drawn by: LRP  
Reference files:  
Date: MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
TENTATIVELY SELECTED PLAN  
47-PROJECT (CUT-14/15 STA. 40+00 TO CUT-17 STA. 10+00)  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

PLATE  
17





AID TO NAVIGATION	PLANE COORDINATES	
	X	Y
*GLB-27 (12/10)	503,612	2,203,085

LEGEND:  
EXISTING NAVIGATION PROJECT ———  
NAVIGATION PROJECT EXPANSION - - -

NOTES:  
1. STATION AND RANGE VALUES ARE RELATIVE TO THE EXISTING PROJECT CONTROL.  
2. SOUNDINGS SHOWN ARE FROM SURVEY 09-028, DATED JUNE 2009.

US Army Corps of Engineers  
Jacksonville District

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JACKSONVILLE, FLORIDA

Scale: As Shown  
Designed by: SRC  
Drawn by: LRP  
Reference files:  
Date: MARCH 2013

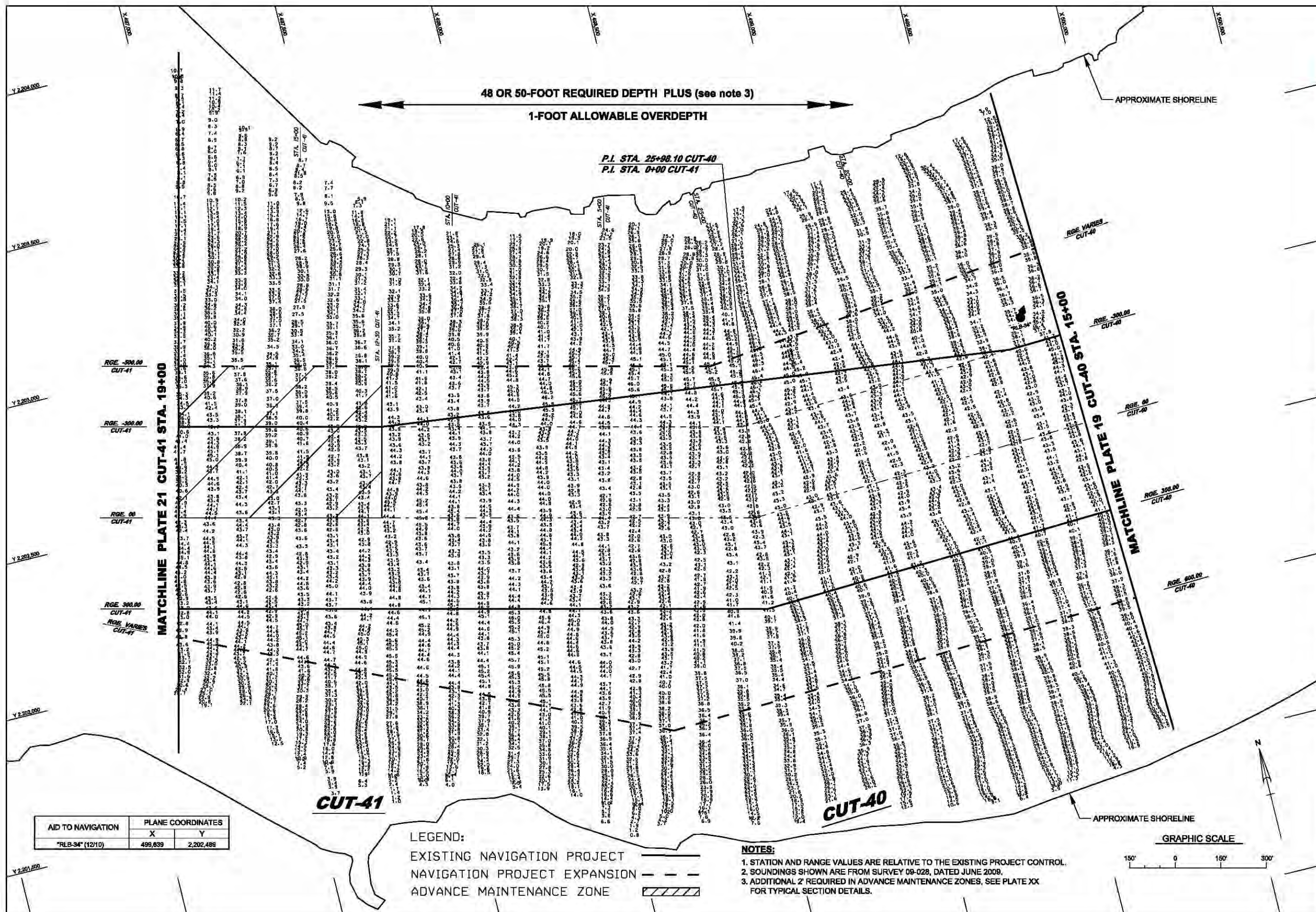
JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
TENTATIVELY SELECTED PLAN  
47- PROJECT (CUT-17 STA. 10+00 TO CUT-39 STA. 15+00)  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

PLATE  
18





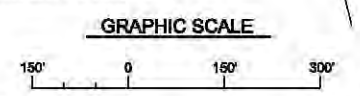




AID TO NAVIGATION	PLANE COORDINATES	
	X	Y
"RLB-34" (12/10)	499,639	2,202,489

LEGEND:  
EXISTING NAVIGATION PROJECT  
NAVIGATION PROJECT EXPANSION  
ADVANCE MAINTENANCE ZONE

NOTES:  
1. STATION AND RANGE VALUES ARE RELATIVE TO THE EXISTING PROJECT CONTROL.  
2. SOUNDINGS SHOWN ARE FROM SURVEY 09-028, DATED JUNE 2009.  
3. ADDITIONAL 2' REQUIRED IN ADVANCE MAINTENANCE ZONES, SEE PLATE XX FOR TYPICAL SECTION DETAILS.



US Army Corps of Engineers  
Jacksonville District

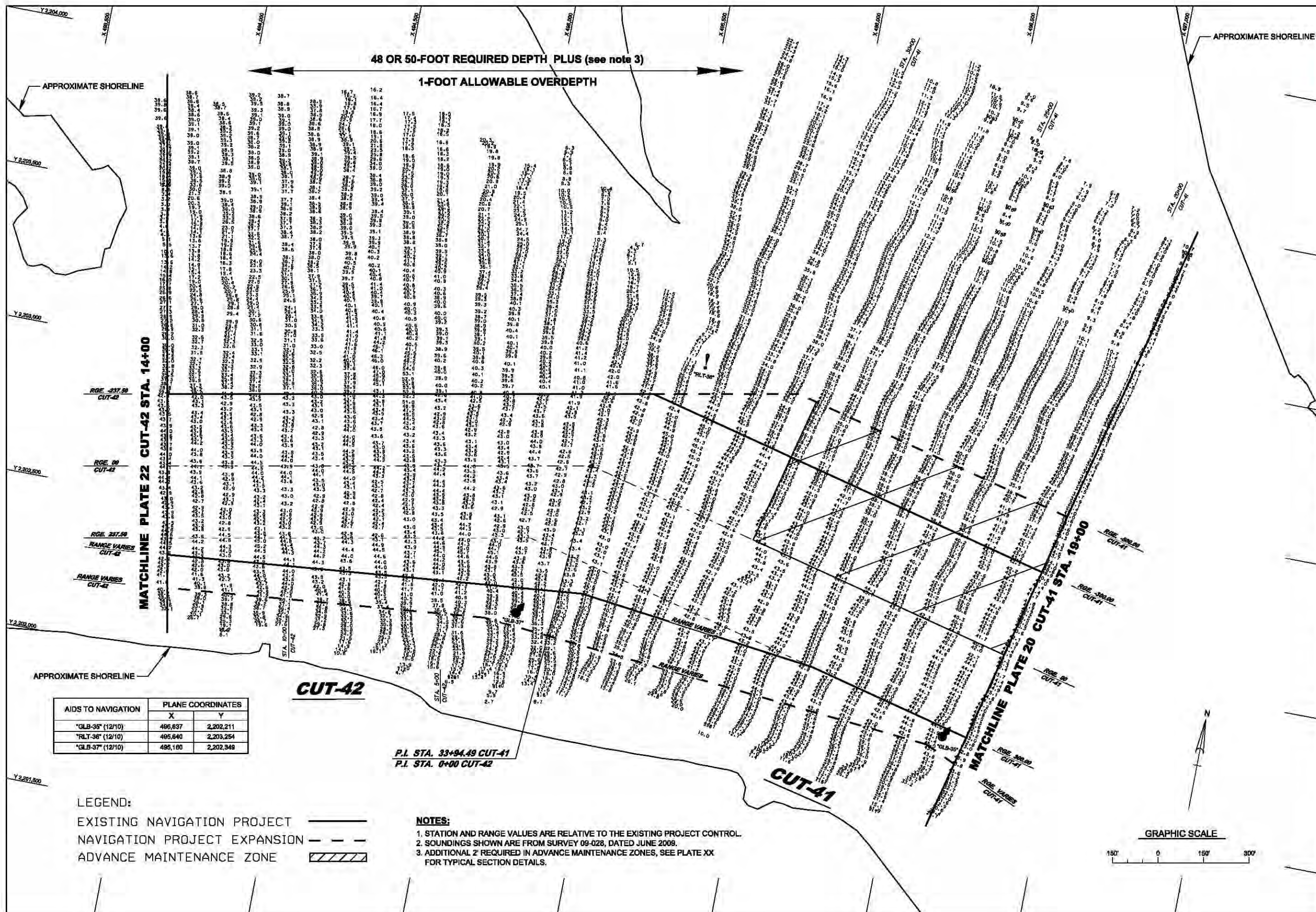
DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

Scale: As Shown  
Plotted: LRP  
Designed by: SRC  
Drawn by: LRP  
Reference files:  
Date: MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
TENTATIVELY SELECTED PLAN  
47: PROJECT (CUT-40 STA. 15+00 TO CUT-41 STA. 19+00)  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

PLATE  
20

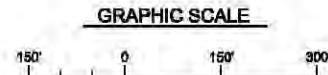




AIDS TO NAVIGATION	PLANE COORDINATES	
	X	Y
"GLB-35" (12/10)	486,637	2,202,211
"RLT-36" (12/10)	486,640	2,203,254
"GLB-37" (12/10)	486,180	2,202,348

LEGEND:  
EXISTING NAVIGATION PROJECT  
NAVIGATION PROJECT EXPANSION  
ADVANCE MAINTENANCE ZONE

NOTES:  
1. STATION AND RANGE VALUES ARE RELATIVE TO THE EXISTING PROJECT CONTROL.  
2. SOUNDINGS SHOWN ARE FROM SURVEY 09-028, DATED JUNE 2008.  
3. ADDITIONAL 2' REQUIRED IN ADVANCE MAINTENANCE ZONES, SEE PLATE XX FOR TYPICAL SECTION DETAILS.



US Army Corps of Engineers  
Jacksonville District

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JACKSONVILLE, FLORIDA

Scale As Shown  
Plot dates  
Plot scale

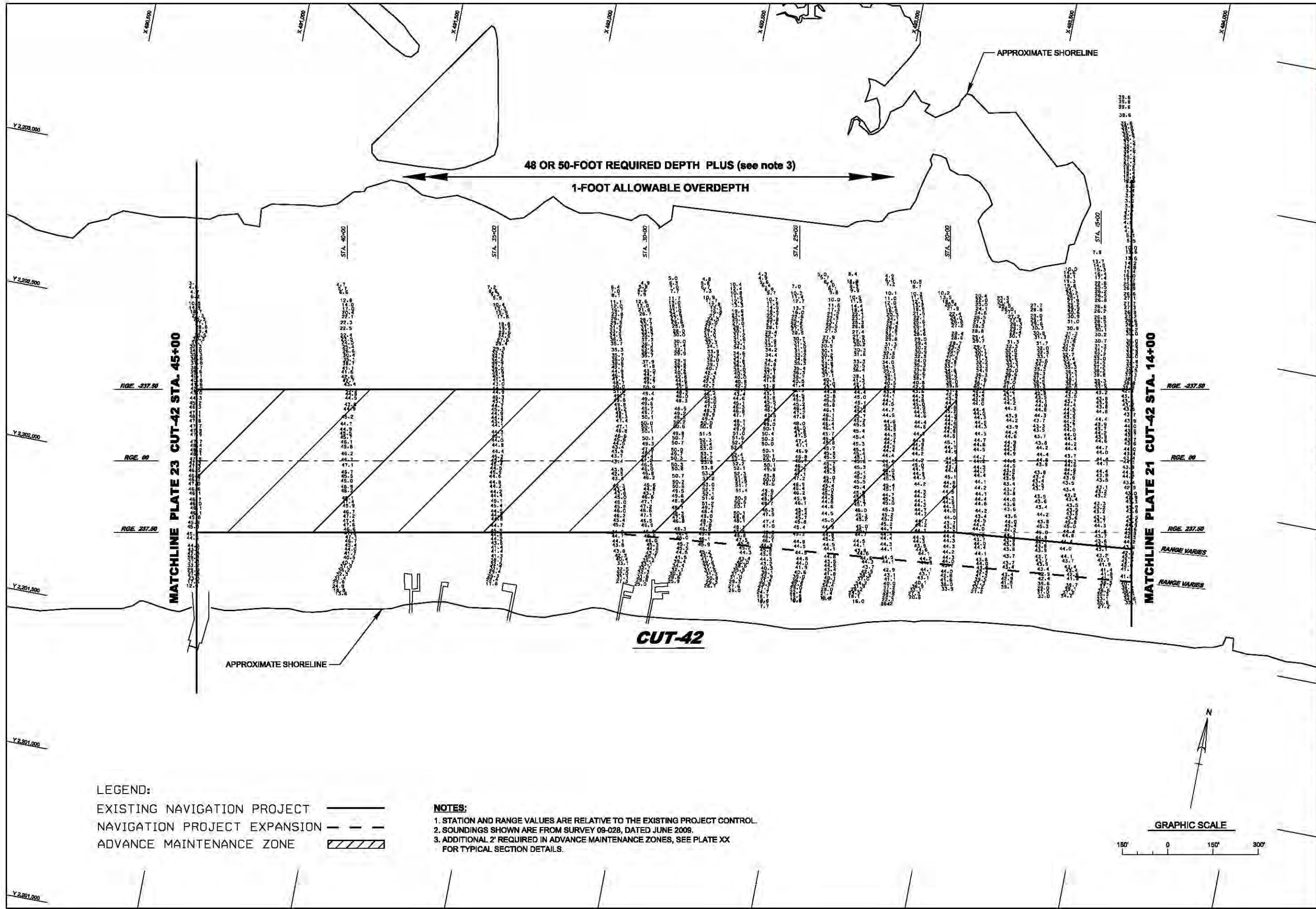
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Date: MARCH 2013

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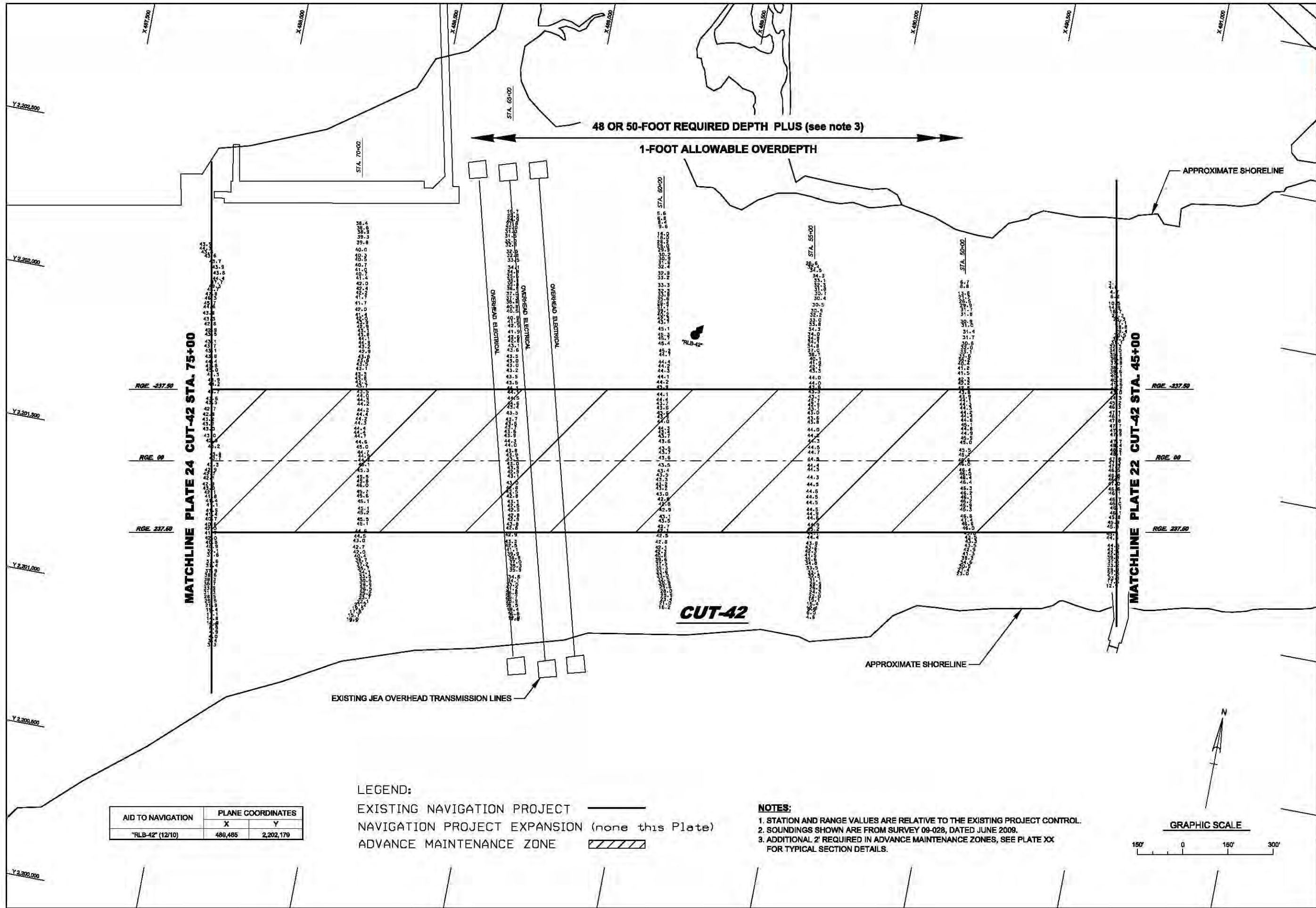
JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
TENTATIVELY SELECTED PLAN  
47' PROJECT (CUT-41 STA. 19+00 TO CUT-42 STA. 14+00)  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

PLATE  
21










AID TO NAVIGATION	PLANE COORDINATES	
	X	Y
"RLB-42" (12/10)	486,485	2,202,179

LEGEND:  
EXISTING NAVIGATION PROJECT  
NAVIGATION PROJECT EXPANSION (none this Plate)  
ADVANCE MAINTENANCE ZONE

NOTES:  
1. STATION AND RANGE VALUES ARE RELATIVE TO THE EXISTING PROJECT CONTROL.  
2. SOUNDINGS SHOWN ARE FROM SURVEY 09-028, DATED JUNE 2009.  
3. ADDITIONAL 'Z' REQUIRED IN ADVANCE MAINTENANCE ZONES, SEE PLATE XX FOR TYPICAL SECTION DETAILS.



US Army Corps of Engineers  
Jacksonville District

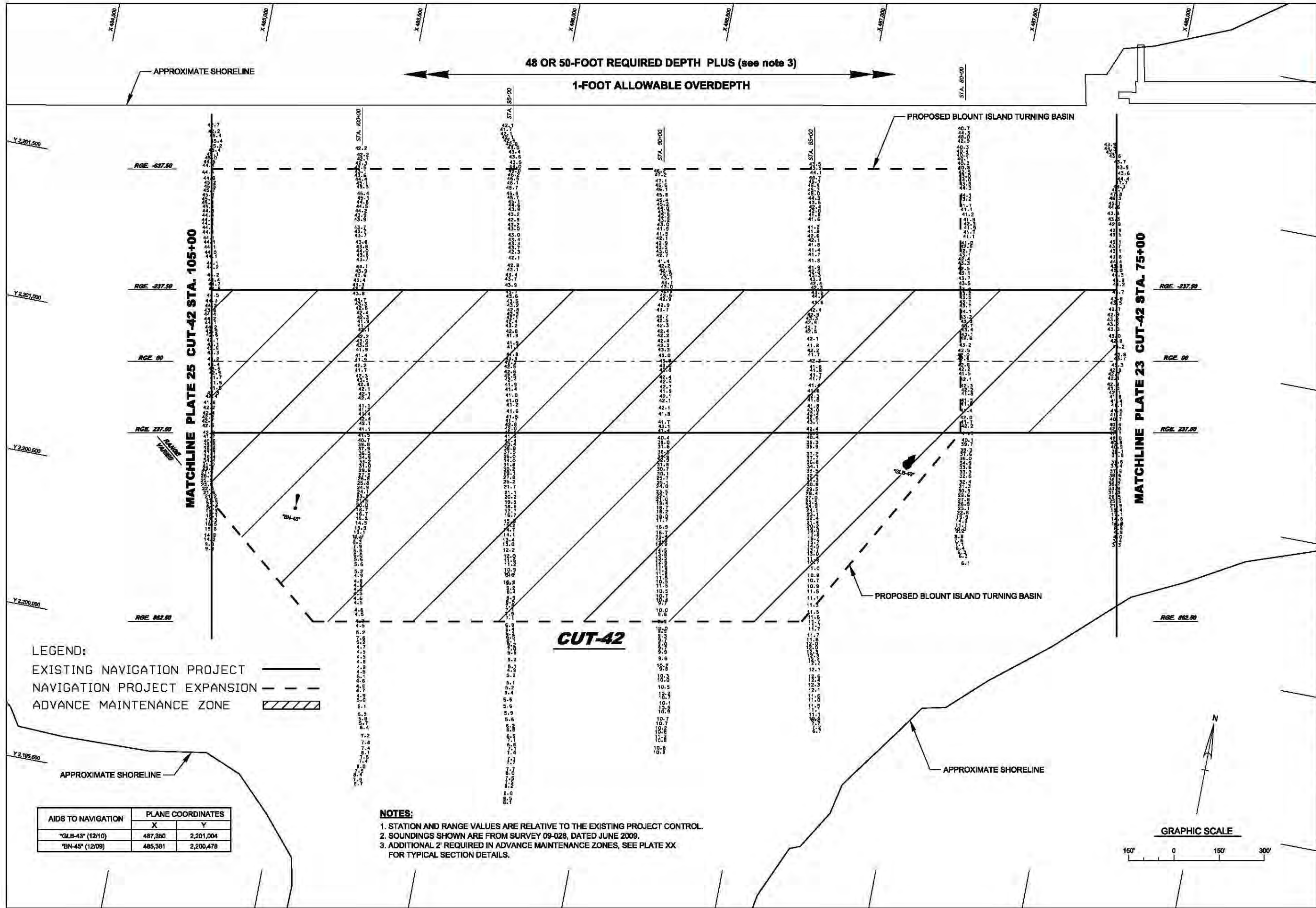
DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA


File name: JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
TENTATIVELY SELECTED PLAN  
47: PROJECT (CUT-42 STA. 45+00 TO STA. 75+00)  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

Designed by: SRC  
Drawn by: SRC  
Checked by: LRP  
Scale: As Shown  
Plot date:   
Plot scale:   
Dated: MARCH 2013

PLATE  
23







US Army Corps  
of Engineers

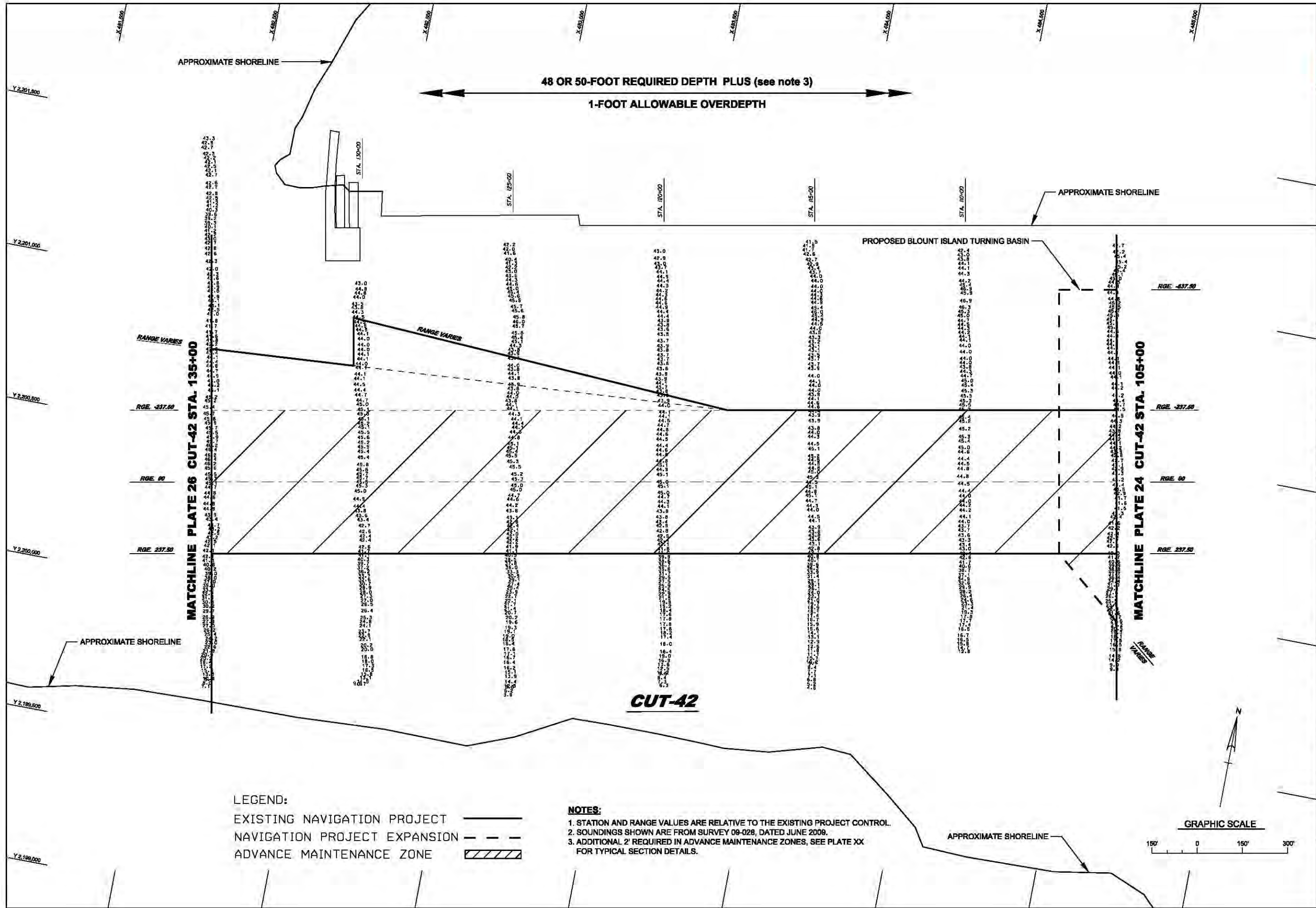
DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

File name:  
Scales: As Shown  
Plot dates:  
Reference files:  
Scales: LRP  
Plot scale:  
Dated: MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
TENTATIVELY SELECTED PLAN  
47: PROJECT (CUT-42 STA. 75+00 TO STA. 105+00)  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

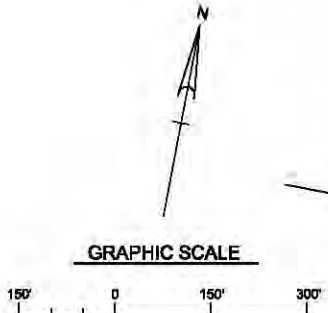
PLATE  
24






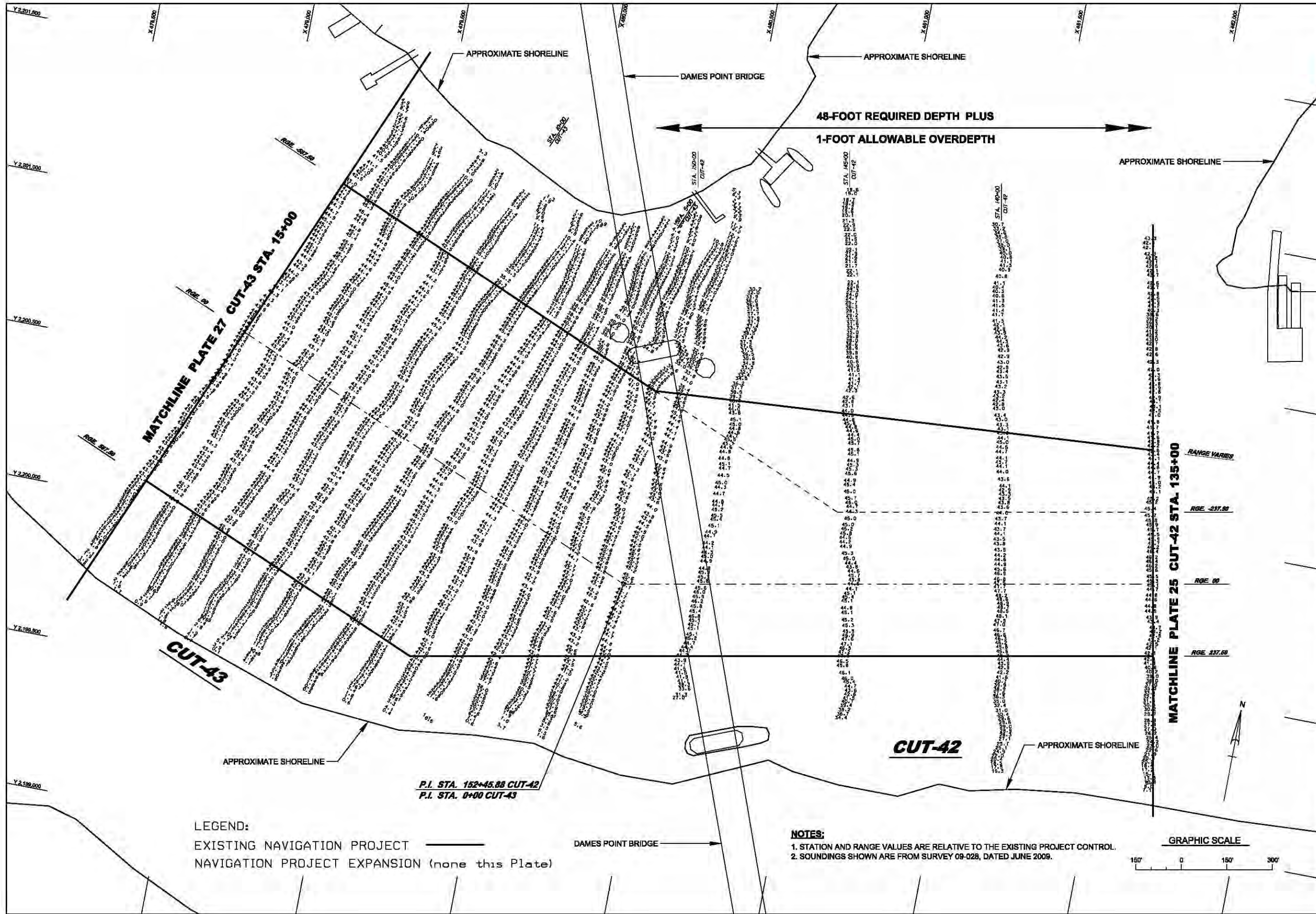
LEGEND:  
EXISTING NAVIGATION PROJECT ———  
NAVIGATION PROJECT EXPANSION - - - -  
ADVANCE MAINTENANCE ZONE


NOTES:  
1. STATION AND RANGE VALUES ARE RELATIVE TO THE EXISTING PROJECT CONTROL.  
2. SOUNDINGS SHOWN ARE FROM SURVEY 09-028, DATED JUNE 2009.  
3. ADDITIONAL 2' REQUIRED IN ADVANCE MAINTENANCE ZONES, SEE PLATE XX FOR TYPICAL SECTION DETAILS.



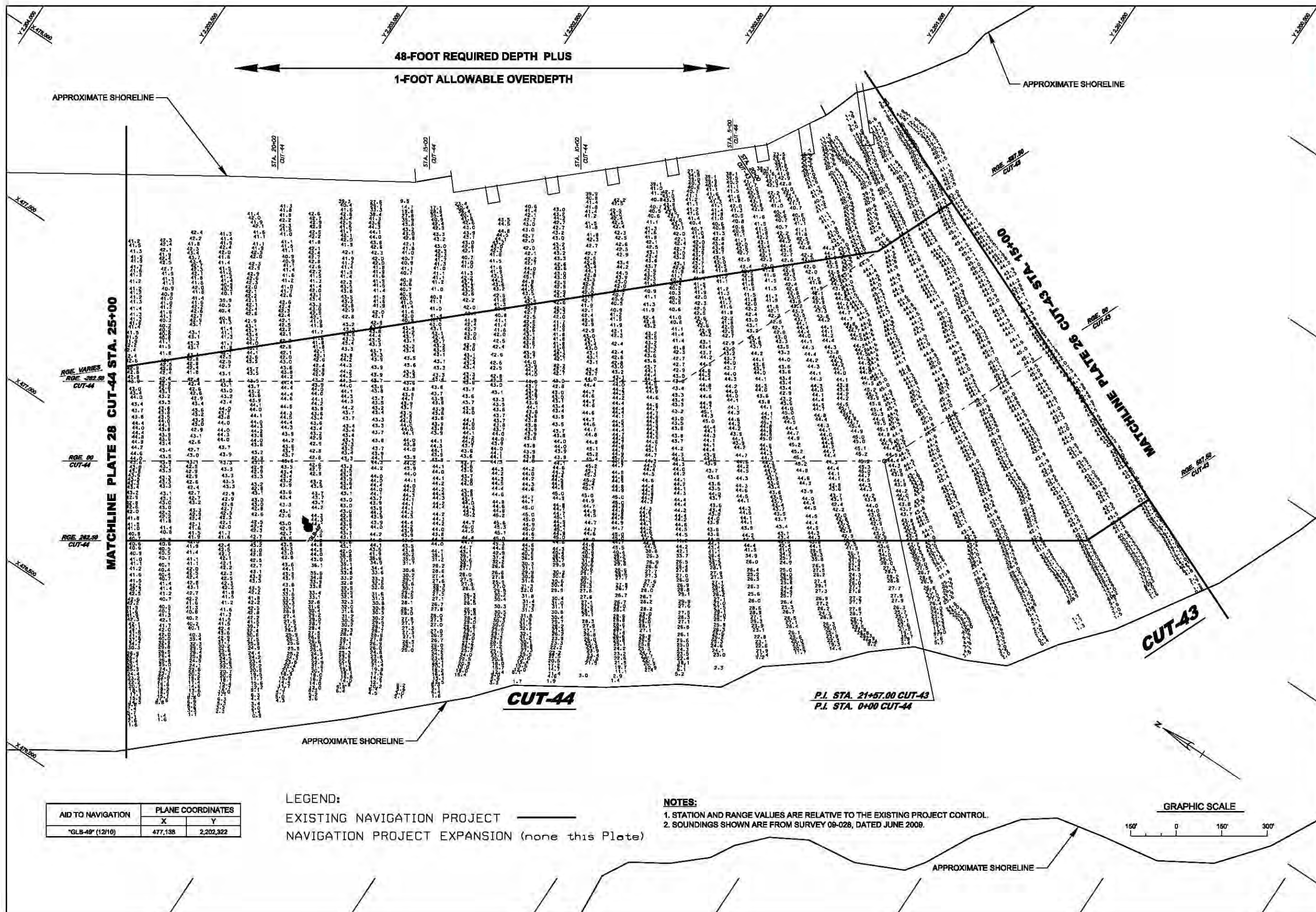
 US Army Corps of Engineers Jacksonville District	
DEPARTMENT OF THE ARMY JACKSONVILLE DISTRICT, CORPS OF ENGINEERS JACKSONVILLE, FLORIDA	
File name: Reference files:	Designed by: SRC Drawn by: SRC Checked by: LRP Scale: As Shown Plot dates: Plot scale:
JACKSONVILLE HARBOR NAVIGATION PROJECT DUVAL COUNTY, FLORIDA TENTATIVELY SELECTED PLAN 47: PROJECT CUT-42 STA. 105+00 TO STA. 135+00 GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX	
DATE: MARCH 2013	
PLATE 25	






 US Army Corps of Engineers Jacksonville District	
DEPARTMENT OF THE ARMY JACKSONVILLE DISTRICT, CORPS OF ENGINEERS JACKSONVILLE, FLORIDA	
File name: Reference files:	Designed by: SRC Dwn by: SRC Scale: As Shown Plot date: Plot scale:
JACKSONVILLE HARBOR NAVIGATION PROJECT DUVAL COUNTY, FLORIDA TENTATIVELY SELECTED PLAN 47- PROJECT (CUT-42 STA. 135+00 TO CUT-43 STA. 15+00) GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX	
DATE: MARCH 2013	
PLATE 26	







US Army Corps of Engineers  
Jacksonville District

DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

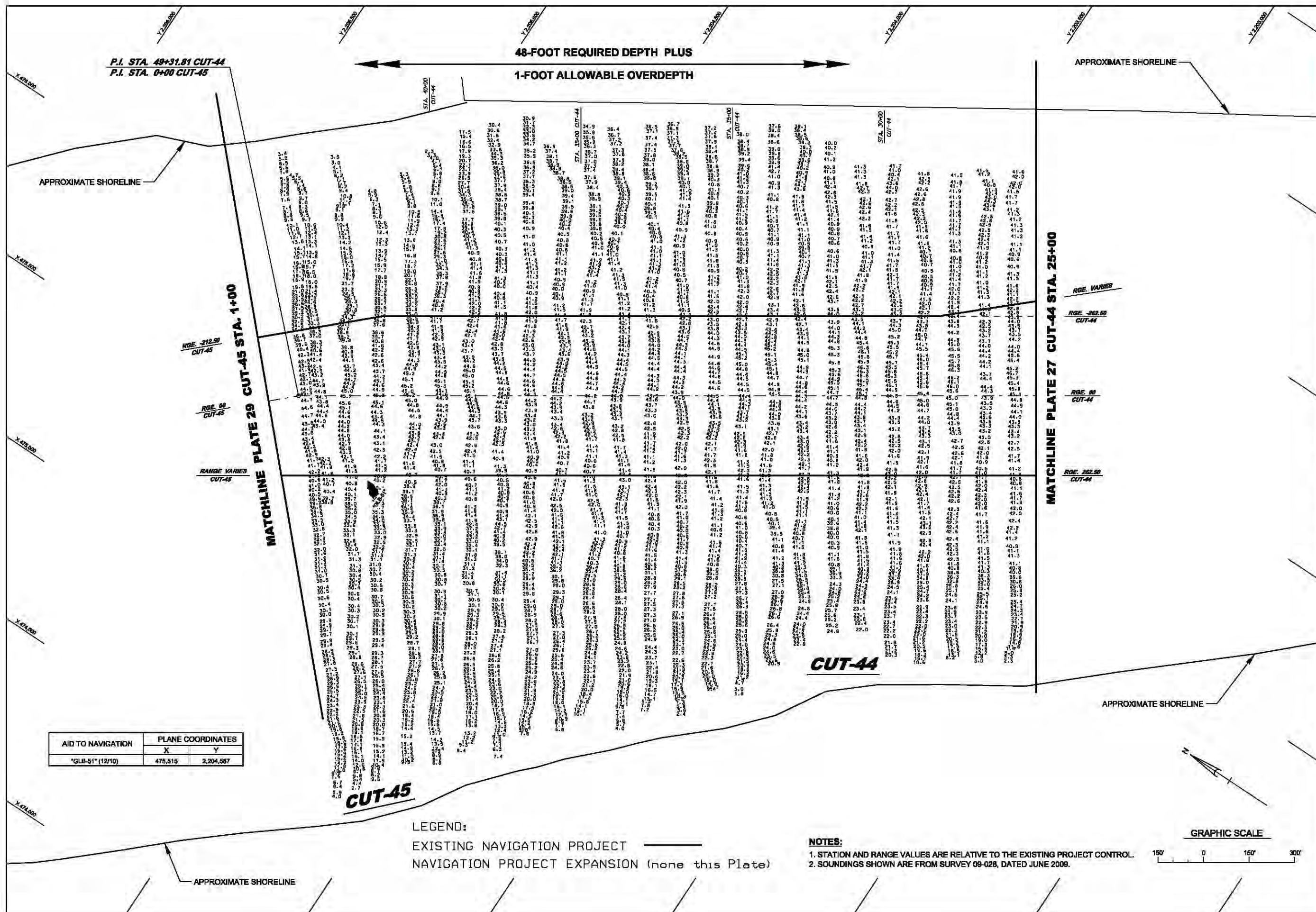
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Dwn by: LRP  
Reference files:  
Date: MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
TENTATIVELY SELECTED PLAN  
47- PROJECT ICUT-43 STA. 15+00 TO CUT-44 STA. 25+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

PLATE  
27

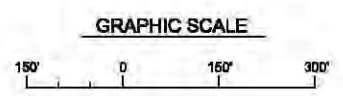




AID TO NAVIGATION	PLANE COORDINATES	
	X	Y
*GLB-51* (12/10)	475,515	2,204,587

LEGEND:  
 EXISTING NAVIGATION PROJECT  
 NAVIGATION PROJECT EXPANSION (none this Plate)

NOTES:  
 1. STATION AND RANGE VALUES ARE RELATIVE TO THE EXISTING PROJECT CONTROL.  
 2. SOUNDINGS SHOWN ARE FROM SURVEY 09-028, DATED JUNE 2009.



US Army Corps of Engineers  
Jacksonville District

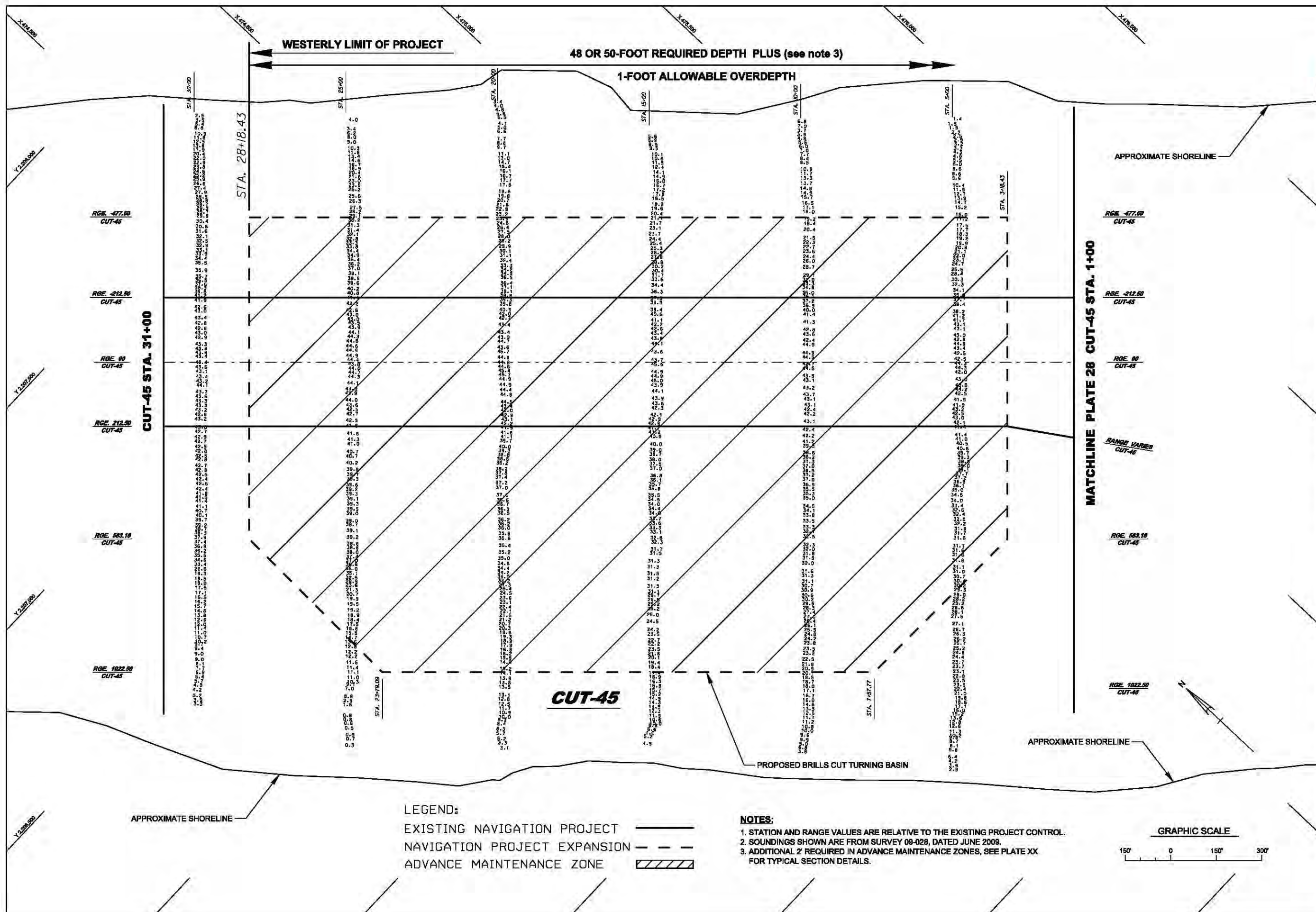
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JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

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 LRP: [blank]  
 Date: MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT  
 DUVAL COUNTY, FLORIDA  
 TENTATIVELY SELECTED PLAN  
 477 PROJECT (CUT-44 STA. 25+00 TO CUT-45 STA. 1+00)  
 GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

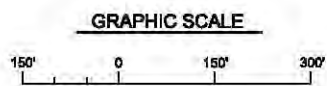
PLATE  
28





LEGEND:  
EXISTING NAVIGATION PROJECT ———  
NAVIGATION PROJECT EXPANSION - - -  
ADVANCE MAINTENANCE ZONE

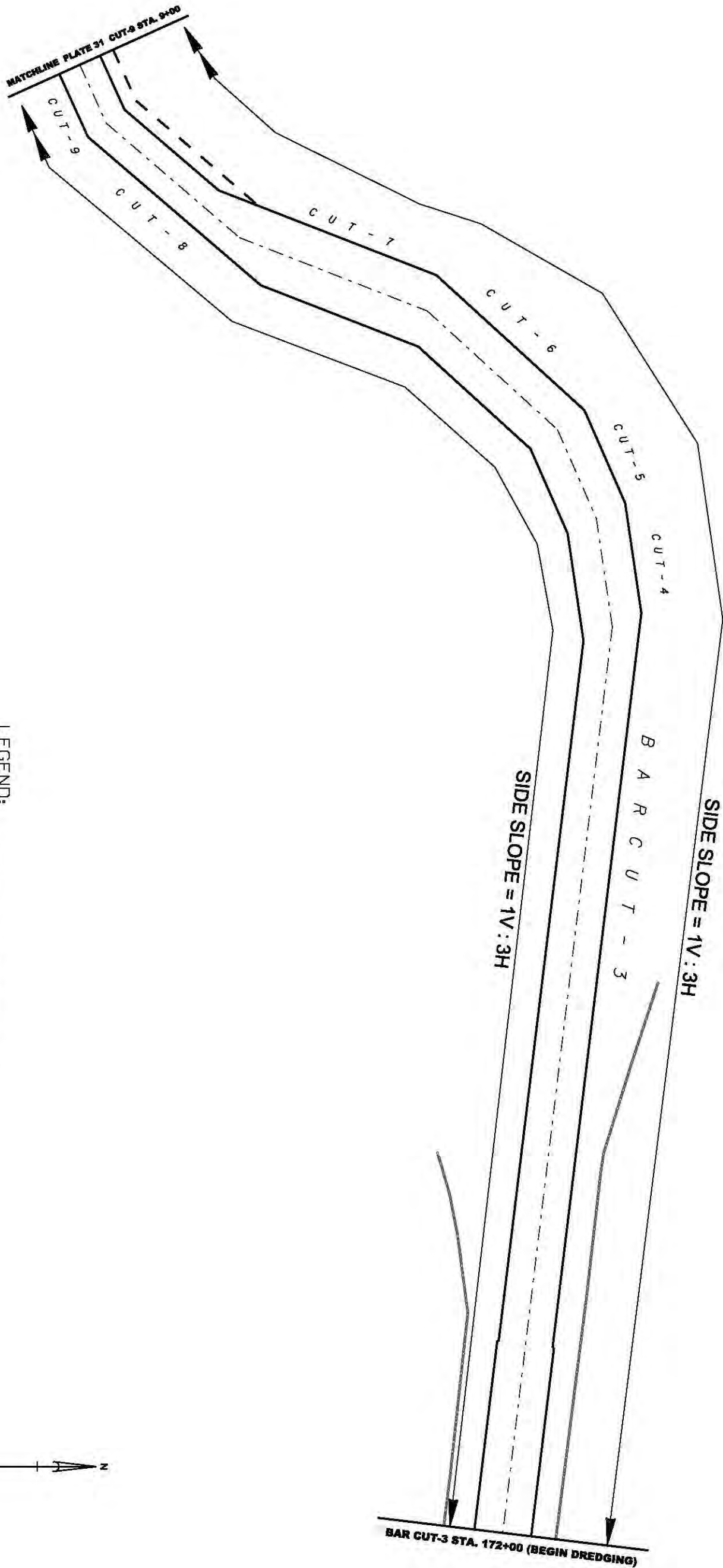
NOTES:  
1. STATION AND RANGE VALUES ARE RELATIVE TO THE EXISTING PROJECT CONTROL.  
2. SOUNDINGS SHOWN ARE FROM SURVEY 09-028, DATED JUNE 2009.  
3. ADDITIONAL 2' REQUIRED IN ADVANCE MAINTENANCE ZONES, SEE PLATE XX FOR TYPICAL SECTION DETAILS.



MATCHLINE PLATE 28 CUT-45 STA. 1+00

 US Army Corps of Engineers Jacksonville District	
DEPARTMENT OF THE ARMY JACKSONVILLE DISTRICT, CORPS OF ENGINEERS JACKSONVILLE, FLORIDA	
File name: Reference files:	Designed by: SRC Drawn by: SRC Checked by: LRP Scale: As Shown Plot dates: Plot scale: Dated: MARCH 2013
JACKSONVILLE HARBOR NAVIGATION PROJECT DUVAL COUNTY, FLORIDA TENTATIVELY SELECTED PLAN 47' PROJECT (CUT-45 STA. 1+00 TO STA. 28+18.43) GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX	
PLATE 29	





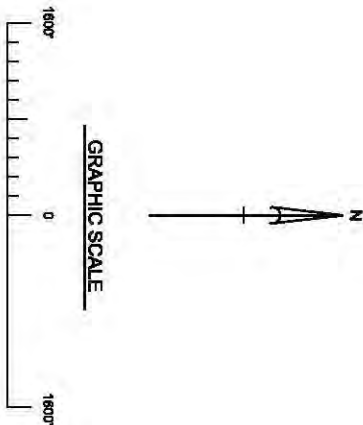
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EXISTING NAVIGATION PROJECT

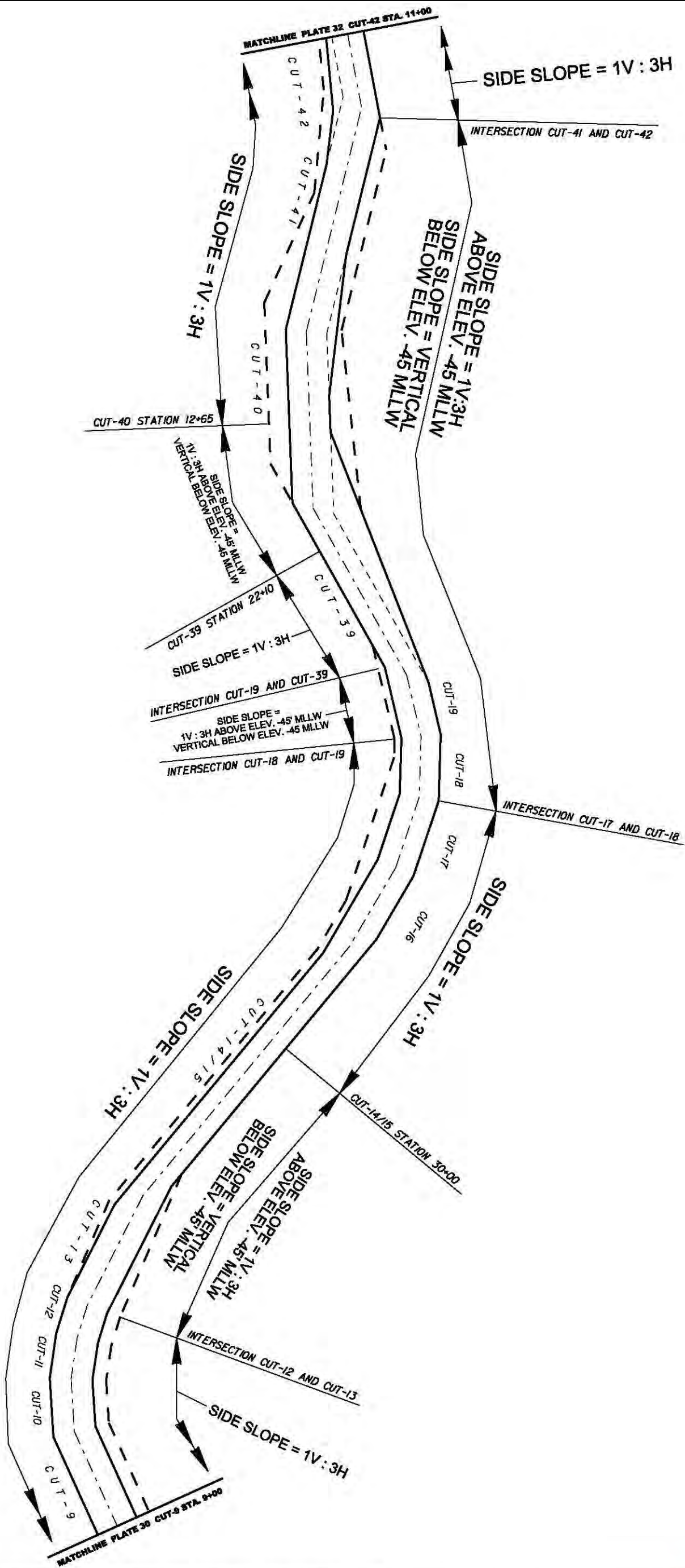
NAVIGATION PROJECT EXPANSION

ENTRANCE CHANNEL JETTIES

NOTE: STATION AND RANGE VALUES ARE RELATIVE TO THE EXISTING PROJECT CONTROL.





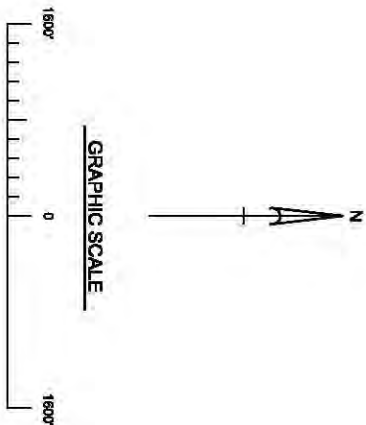


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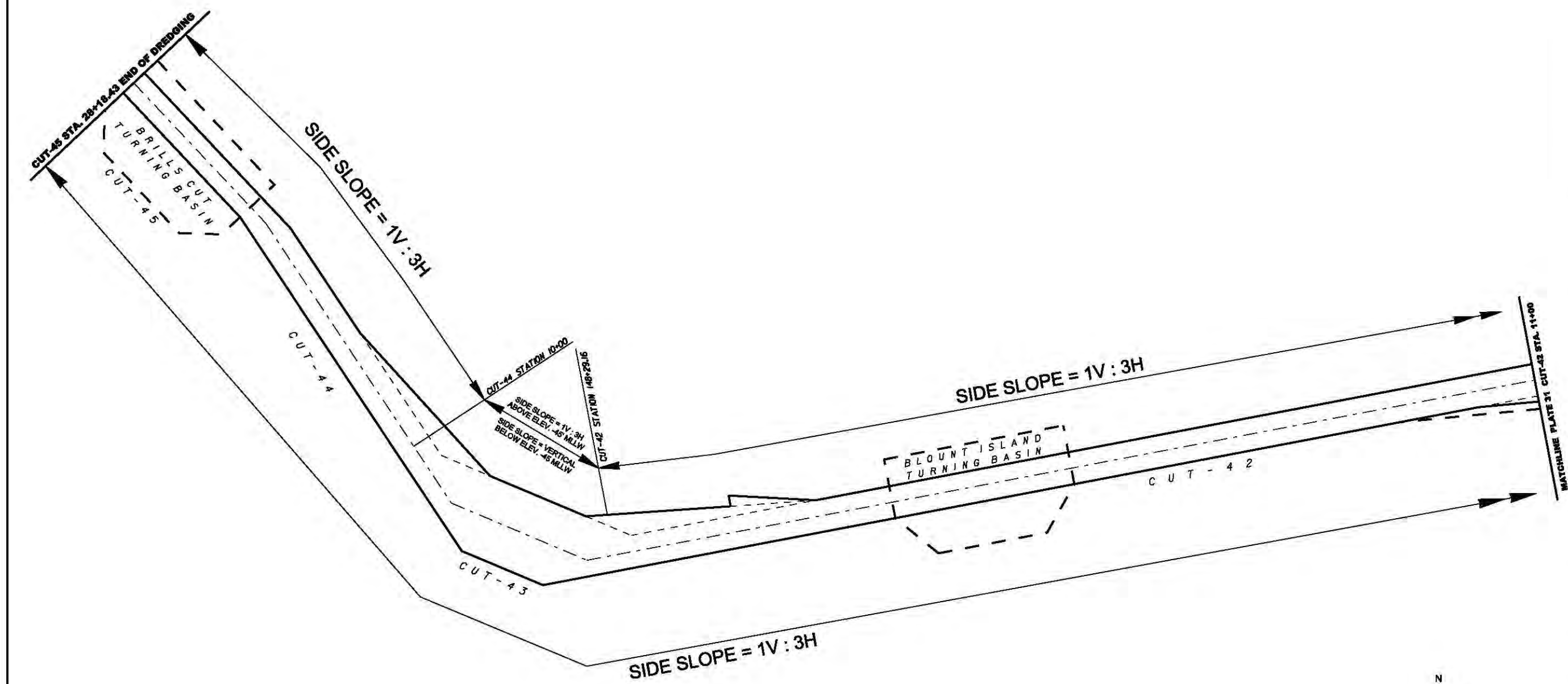
EXISTING NAVIGATION PROJECT ———

NAVIGATION PROJECT EXPANSION - - -

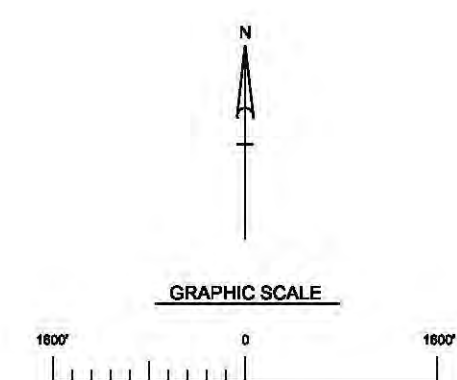
NOTE: STATION AND RANGE VALUES ARE RELATIVE TO THE EXISTING PROJECT CONTROL.






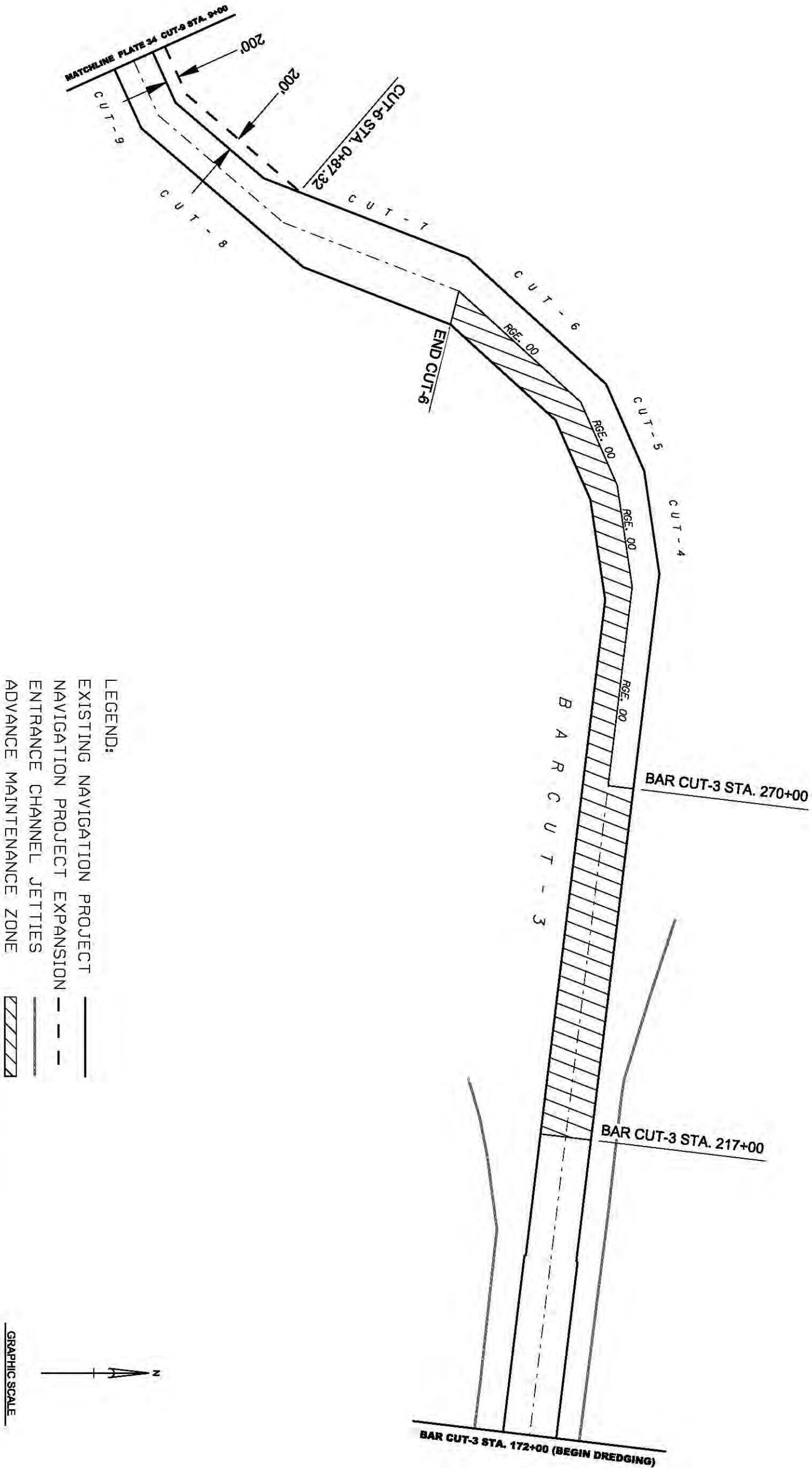


LEGEND:  
 EXISTING NAVIGATION PROJECT ———  
 NAVIGATION PROJECT EXPANSION - - -  
 NEW PROJECT TURNING BASINS - - -  
 NOTE: STATION AND RANGE VALUES ARE RELATIVE TO THE EXISTING PROJECT CONTROL.



 US Army Corps of Engineers Jacksonville District	DEPARTMENT OF THE ARMY JACKSONVILLE DISTRICT, CORPS OF ENGINEERS JACKSONVILLE, FLORIDA		Scale As Shown Designed by: SRC Drawn by: SRC Checked by: LRP Dated: MARCH 2013		JACKSONVILLE HARBOR NAVIGATION PROJECT DUVAL COUNTY, FLORIDA SIDE SLOPE PLAN (CUT-42 STA. 11+00 TO CUT-45 STA. 28+18.43) GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX		PLATE 32
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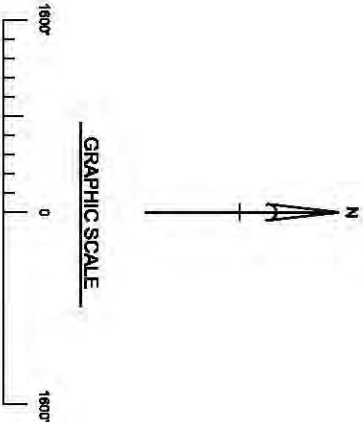




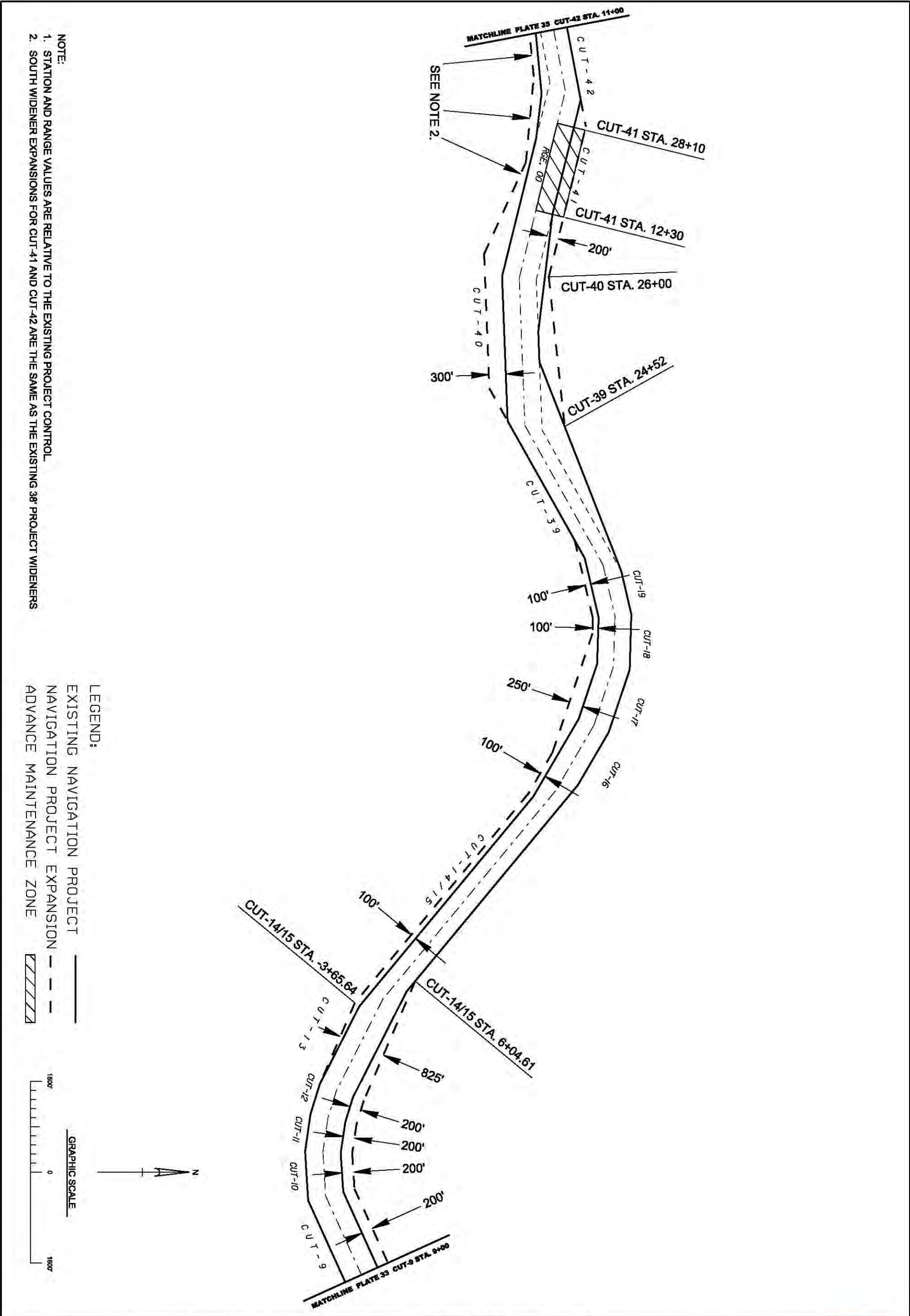
LEGEND:

- EXISTING NAVIGATION PROJECT
- NAVIGATION PROJECT EXPANSION
- ENTRANCE CHANNEL JETTIES
- ADVANCE MAINTENANCE ZONE

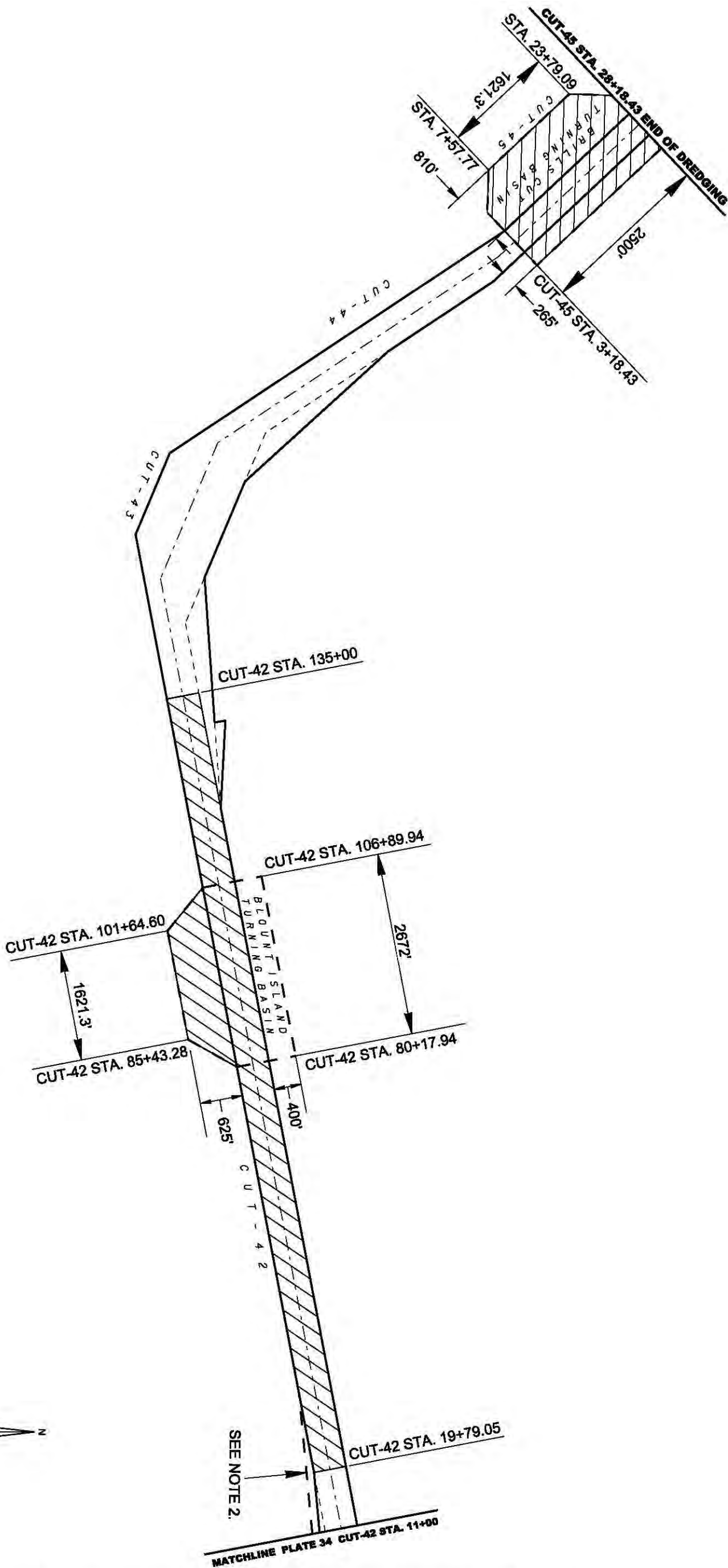
NOTE: STATION AND RANGE VALUES ARE RELATIVE TO THE EXISTING PROJECT CONTROL.







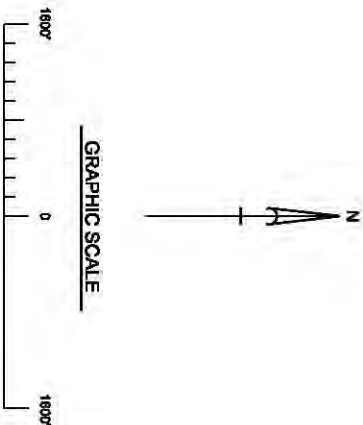




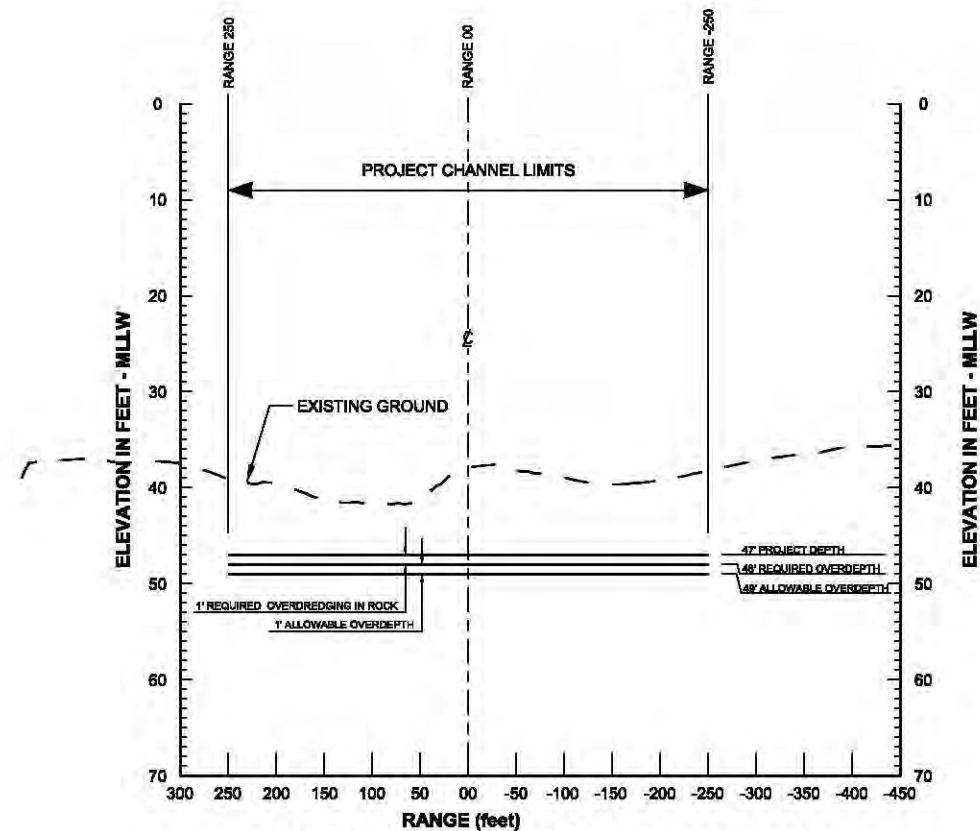
- NOTE:
1. STATION AND RANGE VALUES ARE RELATIVE TO THE EXISTING PROJECT CONTROL.
  2. SOUTH WIDENER EXPANSION FOR CUT-42 IS THE SAME AS THE EXISTING 38' PROJECT WIDENER

LEGEND:

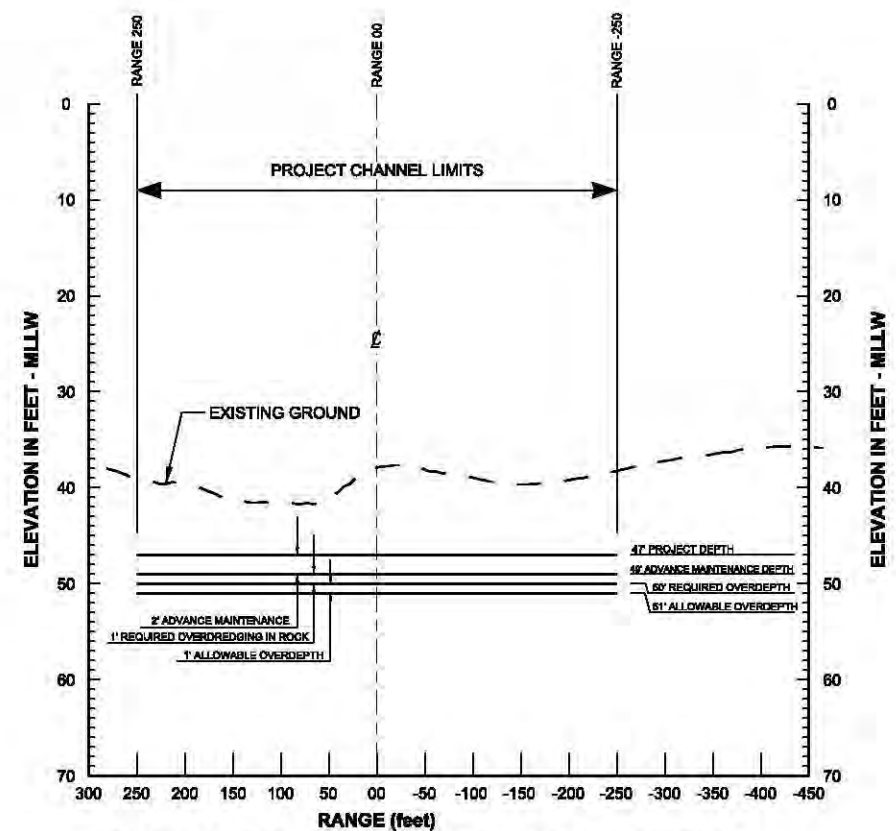
EXISTING NAVIGATION PROJECT	——
NAVIGATION PROJECT EXPANSION	- - - -
NEW PROJECT TURNING BASINS	- - - -
ADVANCE MAINTENANCE ZONE	



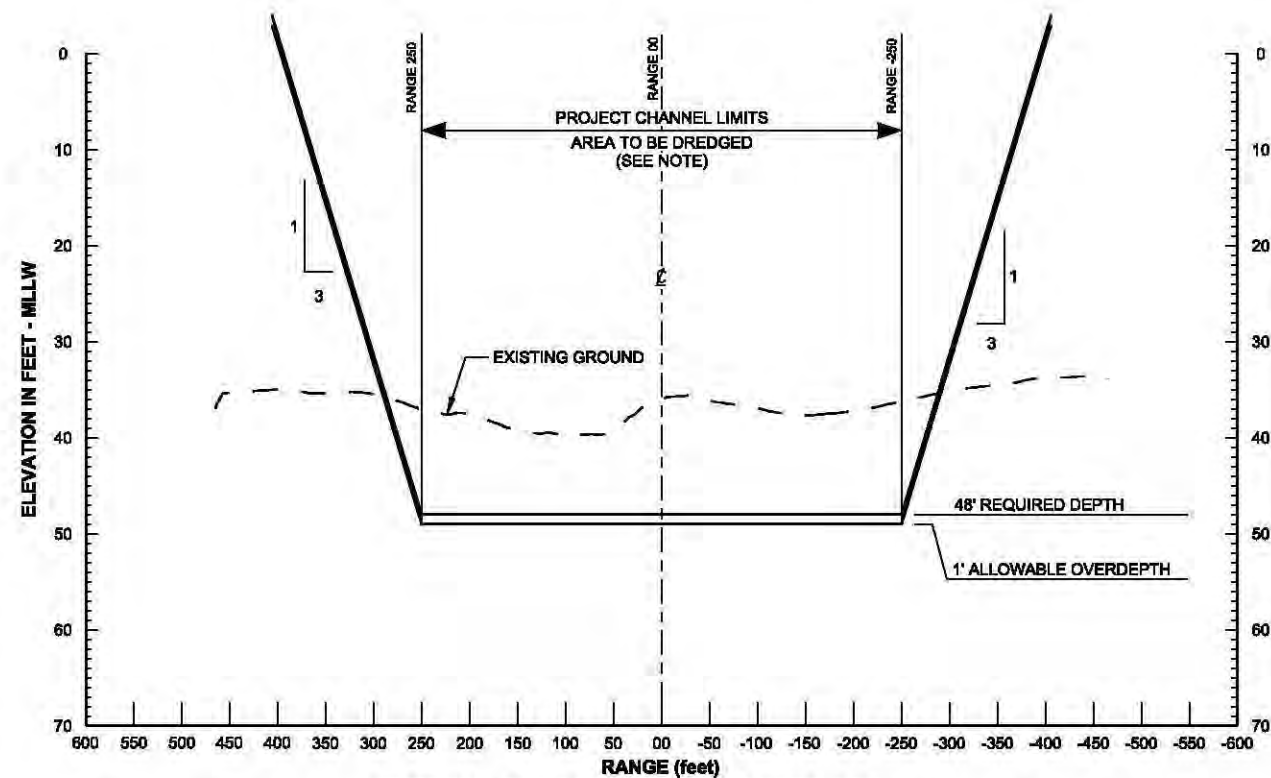




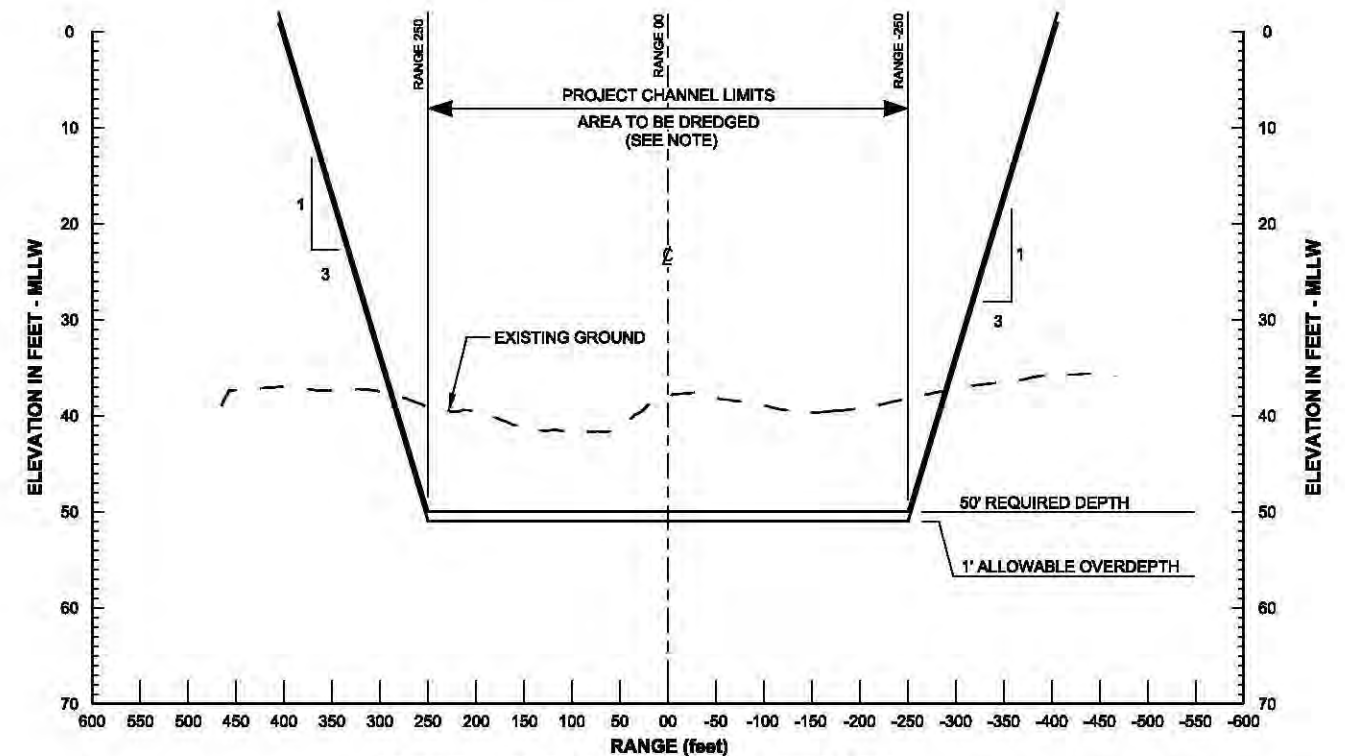
**TYPICAL CROSS SECTION - DEPTH TERMINOLOGY  
WITHOUT ADVANCE MAINTENANCE**



**TYPICAL CROSS SECTION - DEPTH TERMINOLOGY  
WITH ADVANCE MAINTENANCE**

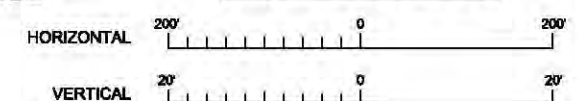


**TYPICAL CROSS SECTION - CONTRACT  
WITHOUT ADVANCE MAINTENANCE**



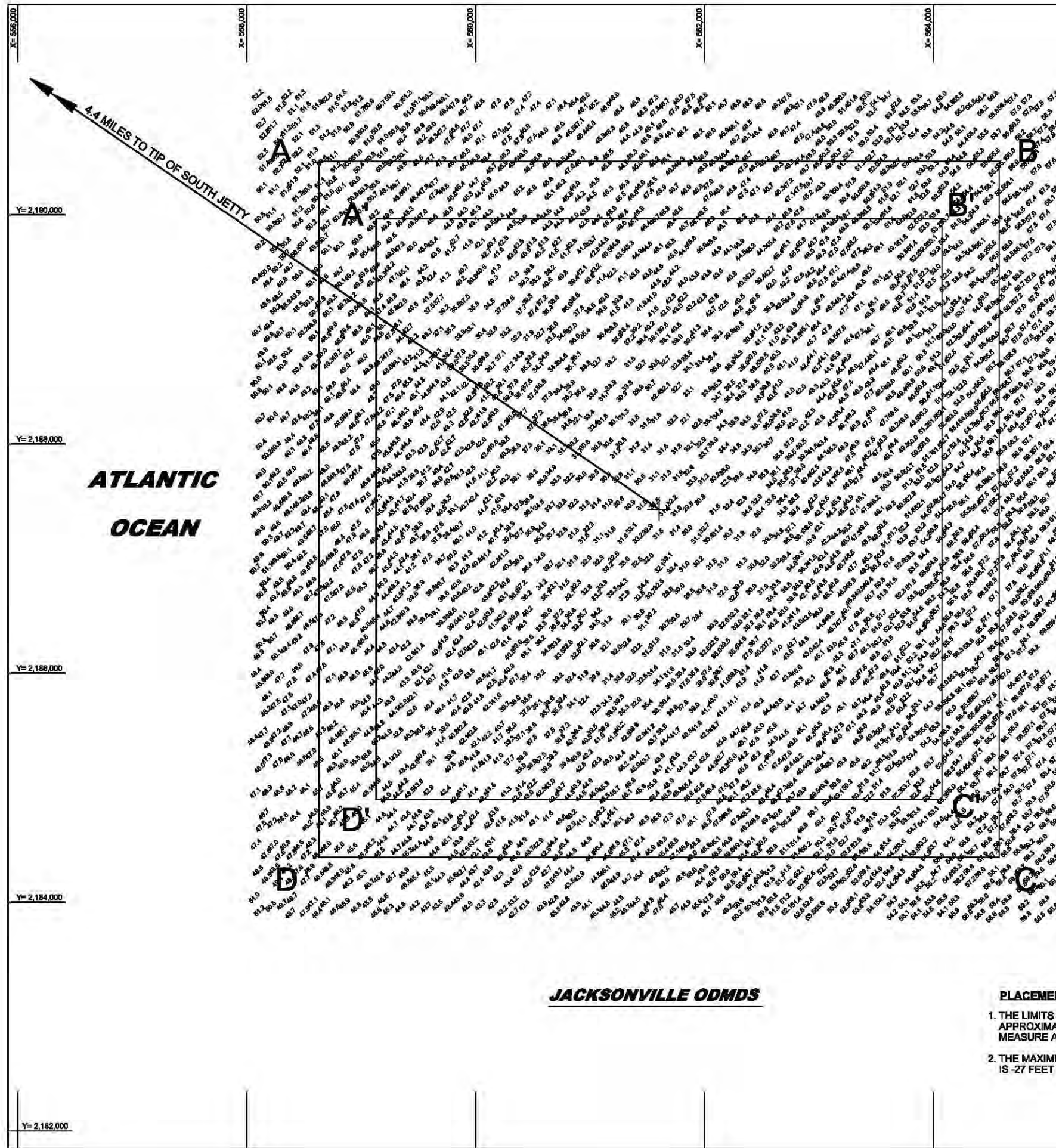
**TYPICAL CROSS SECTION - CONTRACT  
WITH ADVANCE MAINTENANCE**

**GRAPHIC SCALES**



NOTE:  
1. SIDE SLOPES SHOWN ARE FOR CONTRACTUAL PAYMENT PURPOSES.





# **SURVEY NOTES:**

1. REFER TO SURVEY NO. 12-107.
2. ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO THE NOAA REPORTED MEAN LOWER LOW WATER (MLLW) TIDAL DATUM RELATIVE TO THE 1983-2001 TIDAL EPOCH.
3. TIDAL REDUCTIONS WERE OBTAINED USING REAL-TIME KINEMATIC (RTK) GPS AND REFERENCED TO MLLW UTILIZING A HYPACK KINEMATIC TIDAL DATUM MODEL FILE NAME: JAXHBR-VDATUM-2010APRIL26.KTD.
4. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
5. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE EAST ZONE OF FLORIDA AND REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD 83).
6. THIS SURVEY WAS PERFORMED USING REAL-TIME KINEMATIC (RTK) GPS POSITIONING WITH THE FOLLOWING REFERENCE BASE LOCATION:

"STARK"(OPUS PID: BBBZ99)

TIDE STAFF LOCATED AT "STARK"(OPUS PID# BBBZ99)

VERTICAL MEASUREMENTS WERE MADE USING AN R2SONIC 2024 MULTI BEAM SYSTEM AT 240 KHz AND A ROSS SINGLE BEAM SOUNDER AT 28 KHz AND 200 KHz.

SURVEY VESSEL	DATE OF SURVEY	AREA
FLORIDA	11 APRIL 2012	JAX ODMS

7. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED ABOVE AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME. THIS CHART IS SOLELY FOR THE DISTRIBUTION OF AVAILABLE DEPTHS AT THE TIME OF SURVEY.

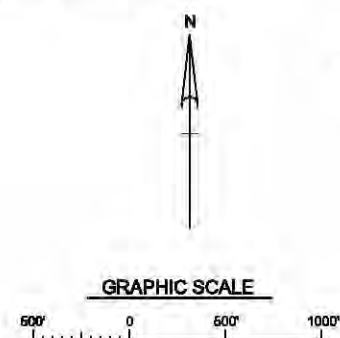
8. SURVEY ACCURACY STANDARDS, QUALITY CONTROL, AND QUALITY ASSURANCE REQUIREMENTS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH USACE EM 1110-2-1003, HYDROGRAPHIC SURVEYING, 1 JAN 02.

ODMS BOUNDARY POINTS	PLANE COORDINATES	
	X	Y
POINT A	558,632	2,190,467
POINT B	564,590	2,190,451
POINT C	564,575	2,184,390
POINT D	558,616	2,184,405
POINT A'	559,131	2,189,965
POINT B'	564,089	2,189,952
POINT C'	564,076	2,184,891
POINT D'	559,117	2,184,904

NOTE: THE MAXIMUM ODMS RELEASE ZONE IS DEFINED BY COORDINATES LISTED FOR CONTROL POINTS A', B', C', AND D'.

## **PLACEMENT AREA NOTES:**

1. THE LIMITS SHOWN HEREON ARE FOR THE EXISTING ODMS WHICH IS APPROXIMATELY 1 SQUARE MILE. THE FUTURE EXPANDED ODMS WILL MEASURE APPROXIMATELY 4 SQUARE MILES.
2. THE MAXIMUM PLACEMENT ELEVATION IN THE JACKSONVILLE ODMS IS -27 FEET MLLW.



DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

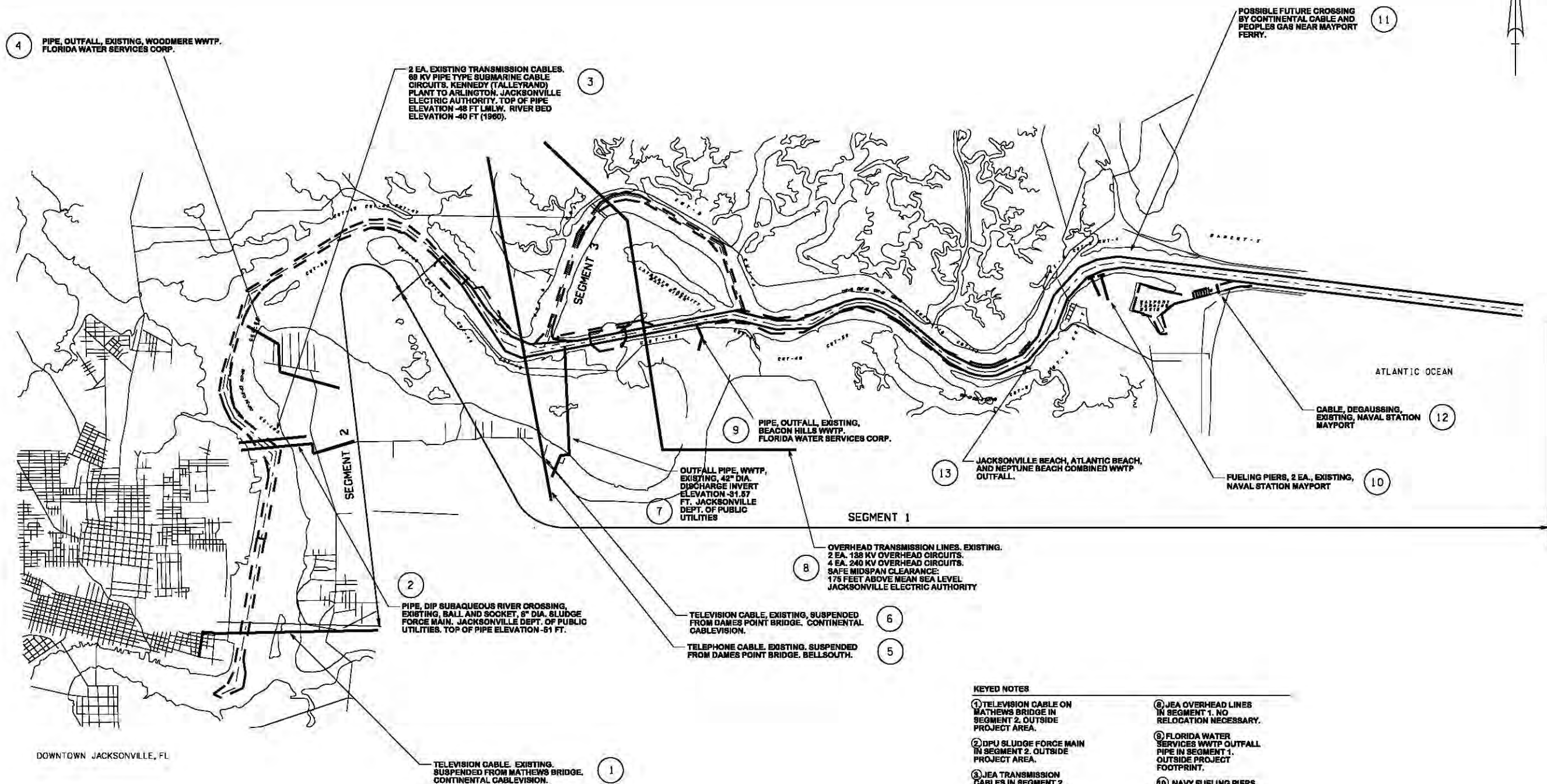
Scale As Shown  
Plotted  
Designed by: SRC  
Drawn by: SRC  
Checked by: LRP  
Dated: MARCH 2013

File name:  
Reference files:

JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
ODMS MATERIAL PLACEMENT AREA - SITE PLAN  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

PLATE  
37





# KEYED NOTES

- ① TELEVISION CABLE ON MATHEWS BRIDGE IN SEGMENT 2, OUTSIDE PROJECT AREA.
- ② DPU SLUDGE FORCE MAIN IN SEGMENT 2, OUTSIDE PROJECT AREA.
- ③ JEA TRANSMISSION CABLES IN SEGMENT 2, OUTSIDE PROJECT AREA.
- ④ FLORIDA WATER SERVICES WWTP OUTFALL IN SEGMENT 2, OUTSIDE PROJECT AREA.
- ⑤ BELL SOUTHERN CABLE IN SEGMENT 1, 174' CLEARANCE NO RELOCATION NECESSARY.
- ⑥ CONTINENTAL CABLEVISION LINES IN SEGMENT 1, 174' CLEARANCE NO RELOCATION NECESSARY.
- ⑦ DPU WWTP OUTFALL PIPE IN SEGMENT 1, OUTSIDE PROJECT FOOTPRINT.
- ⑧ JEA OVERHEAD LINES IN SEGMENT 1, NO RELOCATION NECESSARY.
- ⑨ FLORIDA WATER SERVICES WWTP OUTFALL PIPE IN SEGMENT 1, OUTSIDE PROJECT FOOTPRINT.
- ⑩ NAVY FUELING PIERS IN SEGMENT 1, OUTSIDE PROJECT FOOTPRINT.
- ⑪ POSSIBLE FUTURE CATV, GAS CROSSING NEAR MAYPORT FERRY IN SEGMENT 1. FUTURE FACILITIES SHOULD BE DESIGNED TO PREVENT CONFLICT.
- ⑫ DEGAUSSING EQUIPMENT UNDER BED OF CHANNEL LEADING TO MAYPORT TURNING BASIN. ODE STATIONING 37+74.13. OUTSIDE PROJECT FOOTPRINT.
- ⑬ JACKSONVILLE BEACH, ATLANTIC BEACH, AND NEPTUNE BEACH COMBINED WWTP OUTFALL IN SEGMENT 1, NOT IN CONSTRUCTION FOOTPRINT.

NO SCALE